ANNUAL PEAK DISCHARGES FROM SMALL DRAINAGE AREAS IN MONTANA THROUGH SEPTEMBER 1989

by J.A. Hull and R.J. Omang

U.S. GEOLOGICAL SURVEY

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and the

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U.S. DEPARTMENT OF THE INTERIOR

MANUEL LUJAN, JR., Secretary

U.S. GEOLOGICAL SURVEY

Dallas L. Peck, Director

For additional information
write to:

District Chief
U.S. Geological Survey
428 Federal Building
301 South Park, Drawer 10076
Helena, MT 59626-0076

Copies of this report can be
purchased from:

U.S. Geological Survey
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Box 25425
Denver, CO 80225-0425

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ILLUSTRATION

Figure 1. Map showing location of active crest-stage gaging stations and stations discontinued after September 1977 142

CONVERSION FACTORS

Multiply	By	To obtain
	Length	
foot (ft)	0.3048	meter
inch (in.)	25.4	millimeter
mile (mi)	1.609	kilometer
	Area	
square mile (mi^2)	2.59	square kilometer
	Flow	
cubic foot per second (ft^3/s)	0.028317	cubic meter per second

Sea level: In this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)--A geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called "Sea Level Datum of 1929."

LIST OF CREST-STAGE GAGING STATIONS, IN DOWNSTREAM ORDER

Station number	Station name	Page
	Missouri River basin	
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06030300	Jefferson River tributary No. 2 near Whitehall	9
06031950	Cataract Creek near Basin	10
06038550	Cabin Creek near West Yellowstone	10
06043300	Logger Creek near Gallatin Gateway	11
06046500	Rocky Creek near Bozeman	12
06053050	Lost Creek near Ringling	13
06056300	Cabin Creek near Townsend	14
06058700	Mitchell Gulch near East Helena	15
06071600	Wegner Creek at Craig	16
06073600	Black Rock Creek near Augusta	17
06076700	Sheep Creek near Neihart	18
06077300	Trout Creek near Eden	18
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06098700	Powell Coulee near Browning	21
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06114550	Wolf Creek tributary near Coffee Creek	28
06114900	Taffy Creek tributary near Winifred	29
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06127520	Home Creek near Sumatra	35
06127570	Butts Coulee near Melstone	36
06127585	Little Wall Creek tributary near Grassrange	37
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06129800	Gorman Coulee tributary near Cat Creek	39
06130610	Bair Coulee near Mosby	40
06130620	Blood Creek tributary near Valentine	40
06130850	Second Creek tributary No. 2 near Jordan	41
06130915	Russian Coulee near Jordan	42
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06130940	Spring Creek tributary near Van Norman	43
06131100	Terry Coulee near Van Norman	43
06131300	McGuire Creek tributary near Van Norman	44
06132400	Dry Fork Milk River near Babb	45
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LIST OF CREST-STAGE GAGING STATIONS, IN DOWNSTREAM ORDER--Continued

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06138700	South Fork Spring Coulee near Havre	48
06153400	Fifteenmile Creek tributary near Zurich	49
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06154410	Little Peoples Creek near Hays	50
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06155600	Murphy Coulee tributary near Hogeland	52
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06175700	East Fork Wolf Creek near Lustre	57
06175900	Wolf Creek tributary No. 2 near Wolf Point	58
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06176950	Missouri River tributary No. 6 near Wolf Point	60
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ABSTRACT

Peak-streamflow data, collected since July 1, 1955, are presented in this report. Originally, 45 crest-stage gaging stations were established. Since 1955, the program of data collection has been expanded and reevaluated. As of the end of water year 1989, data were being collected at 158 stations and had been collected at 328 total stations. The stations record peak stages of flow from upstream drainage areas that range in size from less than 1 square mile to several hundred square miles. The purpose of the program is to collect sufficient peak-flow data to permit development of methods for estimating the magnitude and frequency of floods at any point in Montana.

For each station, this report briefly describes the station location, drainage area, period of record available, and type of gage including altitude of gage. The tabular data consist of annual maximum gage height and discharge listed by water year and month or month and day.

INTRODUCTION

Investigation of the magnitude and frequency of floods from small drainage areas in Montana was begun July 1, 1955. Originally, 45 crest-stage gaging stations were established. The program was expanded to 152 stations in 1959, and to 216 stations in 1963. The average number of stations operated was 214 from 1963 to 1967, 199 from 1968 through mid-1970, and 193 from mid-1970 through 1973.

An evaluation of the program in 1973 indicated that 62 existing stations needed to be continued for long-term record, all other stations could be discontinued on collection of 15 years of record, and about 100 new stations needed to be established to increase the station network density. During water years[1] 1974-75, 111 new stations were established, making a total of 328 sites at which data have been collected since 1955. During water year 1989, 158 gages were active--133 east of the Continental Divide and 25 west of the divide. The location of each active station is shown in figure 1.

The program of peak stage and discharge measurement is maintained by the U.S. Geological Survey. The program is conducted in cooperation with the Planning and Research Bureau of the Montana Department of Highways, and the Federal Highway Administration of the U.S. Department of Transportation.

This, the twenty-eighth report, presents, by water year, the annual maximum gage height (or stage) and the discharge at each active station. It also lists the annual maximum gage height and discharge at stations discontinued after September 1977 (shown in fig. 1). Records for stations discontinued prior to September 1977 are given in a report by Omang, Hull, and Parrett (1979).

[1] A water year is the 12-month period October 1 through September 30. It is designated by the calendar year in which it ends.

PURPOSE OF THE PROGRAM

The purpose of the program is to collect sufficient peak-flow data to permit development of methods for estimating the magnitude and frequency of floods at any point in Montana. The ultimate objective is to determine methods for estimating the 1-percent-chance flood (one having a 100-year recurrence interval) with the reliability needed for road design. Reliability depends, in part, on having a relatively dense network of crest-stage gaging stations.

Part of the program has been fulfilled by a report of Boner and Omang (1967) based on data collected from 1955 through 1966. That report presents a method for determining the magnitude of floods having 10-year and 25-year recurrence intervals for drainage areas of less than 100 mi^2.

A second report (Johnson and Omang, 1976) gives methods for estimating magnitude and frequency of floods having recurrence intervals of as much as 100 years. This report does not meet the ultimate objective because the standard errors of estimate are large and the reliability is poor.

A third report (Parrett and Omang, 1981) gives revised techniques for estimating magnitude and frequency of floods having recurrence intervals of as much as 100 years. The estimating equations developed were a considerable improvement over the previous report but still do not meet the ultimate objective.

A fourth report (Omang, Parrett, and Hull, 1986) gives techniques for estimating flood magnitudes having recurrence intervals of as much as 100 years for ungaged sites based on data through 1983. Equations were developed that relate flood magnitudes to basin characteristics and channel geometry. The estimating equations developed were an improvement over equations of previous reports. However, with additional record available from the newer network of stations, even better areal boundary definition and reliability are anticipated.

PROGRAM OPERATION

At each crest-stage gaging station, one or more standard Geological Survey crest-stage gages record the maximum stage reached by the water surface. Many stations are located at highway culverts, which are used as control structures for rating the peak discharge. If the peak discharge is not measured, it can be computed from the shape of the channel near the culvert, the culvert geometry, and the water-surface profile upstream and downstream from the culvert at the time of the peak flow. The water-surface profile, obtained from marks recorded on the crest-stage gages, commonly is supplemented by nearby high-water marks along the stream channel. Because of varying conditions from year to year, the discharge determined from similar gage heights may vary.

Flow records for continuous-record gaging stations, which are a part of other cooperative programs, supplement the crest-stage network. The continuous-record gaging stations help to establish the date of recorded peak stages and help to detect peak discharges when the crest-stage gages may not be functioning properly. Climatological data published by the National Weather Service are also used to help determine the dates of peak discharge.

The crest-stage gaging stations provide information from drainage areas that range in size from less than 1 mi^2 to several hundred square miles. The areas represent various hydrologic conditions. During water year 1989, the active-station network included 26 stations having drainage areas less than 1 mi^2, 85 stations having areas from 1 to 10 mi^2, 38 stations having areas from 10 to 50 mi^2, and 9 stations having areas of more than 50 mi^2.

Operation of the crest-stage gages to record peak stages continues to be the primary phase of work. Periodic visits are made to service the gages and to record the peak stages that have occurred since the last visit. Changes in channel, culvert, and control conditions are also noted. Another operation includes closed traverse surveys to determine any changes in the altitude of the gages.

REFERENCES CITED

Boner, F.C., and Omang, R.J., 1967, Magnitude and frequency of floods from drainage areas less than 100 square miles in Montana: U.S. Geological Survey Open-File Report 67-22, 23 p.

Johnson, M.V., and Omang, R.J., 1976, A method for estimating magnitude and frequency of floods in Montana: U.S. Geological Survey Open-File Report 75-650, 35 p.

Omang, R.J., Hull, J.A., and Parrett, Charles, 1979, Annual peak discharges from small drainage areas in Montana for stations discontinued before 1978: U.S. Geological Survey Open-File Report 79-510, 117 p.

Omang, R.J., Parrett, Charles, and Hull, J.A., 1986, Methods for estimating magnitude and frequency of floods in Montana based on data through 1983: U.S. Geological Survey Water-Resources Investigations Report 86-4027, 85 p.

Parrett, Charles, and Omang, R.J., 1981, Revised techniques for estimating magnitude and frequency of floods in Montana: U.S. Geological Survey Open-File Report 81-917, 66 p.

STATION DATA

All stations are listed in downstream order, first for the Missouri River basin and then for the Columbia River basin. For each station, the first entry is the permanent station number, which consists of a two-digit Part number and a six-digit downstream order number. The Part number designates the major river basin--Part 06 is for the Missouri River basin and Part 12 is for the Columbia River basin. The station number is followed by the station name.

Records for each station consist of two parts--the station description and the tabular data. The station description includes the station location, drainage area, period of record available, and type of gage including altitude of gage above sea level. The tabular data consist of annual maximum gage height and discharge listed by water year and date. The date for each annual maximum discharge is as near the actual day of peak flow as can be determined from available data.

Data for annual peak discharge in the tables are subject to revision. A gage-height or peak-discharge listing of "unknown" means a reliable figure is not available.

Explanation of the footnotes used in the station data tabulations are listed below.

a	Prior to installation of gage.
b	Estimate.
c	Backwater.
d	No evidence of flow during year.
e	Includes an estimated 15 ft^3/s bypass flow.
f	Peak discharge did not reach bottom of gage.
g	Maximum observed for the year.
h	Combination of flow in Monture and Dunham Creeks.
<	Less than.

06013500 Big Sheep Creek below Muddy Creek, near Dell, MT

Location.--Lat 44°39'19", long 112°46'41", in SE1/4 sec.35, T.13 S., R.10 W., Beaverhead County, Hydrologic Unit 10020001, 6.5 mi southwest of Dell.
Drainage area.--278 mi^2.
Records available.--May 1946 to September 1953 (continuous record), June 1959 to September 1976 (peak record), October 1976 to September 1979 (continuous record), 1980 to current year.
Gage.--Water-stage recorder reinstalled June 24, 1959. Altitude of gage is 6,390 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1946	May 28, 1946	5.54	379
1947	Mar. 18, 1947	5.54	379
1948	Aug. 1, 1948	5.49	369
1949	Apr. 12, 1949	6.02	477
1950	Apr. 1, 1950	5.68	406
1951	Aug. 4, 1951	4.82	234
1952	Apr. 18, 1952	7.72	909
1953	June 2, 1953	5.23	313
1960	Mar. 26, 1960	4.44	168
1961	Apr. 4, 1961	3.98	84
1962	Apr. 2, 1962	4.83	236
1963	June 15, 1963	5.38	343
1964	June 10, 1964	6.06	491
1965	Apr. 21, 1965	5.48	365
1966	Apr. 2, 1966	4.59	195
1967	June 11, 1967	5.48	365
1968	June 9, 1968	5.93	462
1969	Apr. 3, 1969	6.94	701
1970	May 5, 1970	5.42	384
1971	May 31, 1971	5.17	311
1972	June 24, 1972	5.49	377
1973	Apr. 28, 1973	6.60	620
1974	Apr. 25, 1974	4.56	180
1975	May 15, 1975	6.56	615
1976	Apr. 8, 1976	6.41	578
1977	June 10, 1977	5.08	277
1978	Mar. 29, 1978	4.54	181
1979	Apr. 17, 1979	5.14	289
1980	Apr. 22, 1980	5.22	343
1981	Apr. 20, 1981	5.07	275
1982	June 17, 1982	5.20	300
1983	July 10, 1983	5.46	353
1984	May 17, 1984	7.87	1,400
1985	Apr. 10, 1985	4.83	245
1986	June 5, 1986	4.69	220
1987	July 18, 1987	5.47	351
1988	Apr. 14, 1988	4.20	132
1989	June 4, 1989	4.08	107

06015430 Clark Canyon near Dillon, MT

Location.--Lat 45°00'56", long 112°50'10", in SE1/4 SW1/4 sec.28, T.9 S., R.10 W., Beaverhead County, Hydrologic Unit 10020002, at culvert on county road, 1.6 mi north of Interstate Highway 15 and junction to Clark Canyon Dam, 17.0 mi southwest of Dillon.
Drainage area.--18.0 mi^2.
Records available.--1969, 1974 to current year.
Gage.--Crest-stage gage installed Oct. 8, 1974. Altitude of gage is 5,450 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1969	(a)	3.60	(b)88
1974	(a)	2.09	30
1975	June 19, 1975	5.69	211
1976	May 12, 1976	4.65	147
1977	Apr. 9, 1977	2.78	52
1978	May 20, 1978	2.55	43
1979	May 29, 1979	2.35	36
1980	May 26, 1980	2.54	43
1981	May 27, 1981	3.85	95
1982	May 2, 1982	2.36	36
1983	July 9, 1983	2.30	33
1984	May 17, 1984	7.10	415
1985	Apr. 10, 1985	1.75	18
1986	May 27, 1986	1.83	31
1987	May 17, 1987	2.02	39
1988	Apr. 26, 1988	.83	4
1989	Mar. 11, 1989	(c)2.29	(b)20

06019400 Sweetwater Creek near Alder, MT

Location.--Lat 45°04'39", long 112°13'32", in NW1/4 SW1/4 sec.4, T.9 S., R.5 W., Madison County, Hydrologic Unit 1002003, at bridge on county road, 0.6 mi upstream from a small reservoir, 3.5 mi upstream from Belmont Park Ranch, 6.0 mi southwest of Ruby River bridge, 12.5 mi southwest of Ruby Reservoir Dam, 18 mi south of Alder.
Drainage area.--81.5 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Oct. 9, 1974. Altitude of gage is 5,995 ft, from topographic map.

Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	2.05	80
1975	May 14, 1975	3.61	280
1976	Apr. 4, 1976	3.65	330
1977	Apr. 7, 1977	4.33	278
1978	Apr. 1, 1978	1.89	57
1979	May 5, 1979	3.64	115
1980	Apr. 20, 1980	2.18	51
1981	Apr. 25, 1981	2.32	21
1982	May 4, 1982	2.74	62
1983	Apr. 24, 1983	2.47	44
1984	May 17, 1984	4.24	270
1985	Apr. 11, 1985	1.29	23
1986	Feb. 24, 1986	(c)2.20	(b)40
1987	May 17, 1987	1.25	(b)10
1988	Apr. 18, 1988	1.45	16
1989	May 11, 1989	1.50	18

06019800 Idaho Creek near Alder, MT

Location.--Lat 45°11'51", long 112°08'20", in center of sec.30, T.7 S., R.4 W., Madison County, Hydrologic Unit 10020003, at bridge on county road, 9 mi south of Alder.
Drainage area.--11.0 mi^2.
Records available.--1959 to September 1985 (discontinued).
Gage.--Crest-stage gage installed May 7, 1959. Altitude of gage is 5,420 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1960	Mar. 27, 1960	(c)2.18	(b)40
1961	Apr. 4, 1961	.87	13
1962	Apr. 25, 1962	2.30	90
1963	Mar. 22, 1963	1.36	24
1964	July 29, 1964	1.20	17
1965	Mar. 30, 1965	(c)3.01	(b)60
1966	June 10, 1966	.80	8
1967	June 15, 1967	1.34	9
1968	June 10, 1968	1.59	12
1969	Mar. 27, 1969	(c)2.05	(b)35
1970	June 10, 1970	1.27	15
1971	June 3, 1971	.11	12
1972	June 24, 1972	.57	15
1973	June 7, 1973	1.08	11
1974	May 27, 1974	.33	35
1975	July 22, 1975	2.37	60
1976	June 22, 1976	.22	15
1977	June 10, 1977	-.14	13
1978	Apr. 1, 1978	.62	27
1979	May 28, 1979	2.21	46
1980	June 12, 1980	2.20	45
1981	May 25, 1981	1.50	43
1982	June 17, 1982	1.38	35
1983	July 10, 1983	1.50	47
1984	May 17, 1984	1.52	45
1985	May 4, 1985	.60	3

06025100 Quartz Hill Gulch near Wise River, MT

Location.--Lat 45°46'35", long 112°51'41", in NE1/4 SE1/4 sec.5, T.1 S., R.10 W., Beaverhead County, Hydrologic Unit 10020004, on left bank 210 ft upstream from State Highway 43, 4.2 mi east of Wise River, 0.3 mi west of Dewey.
Drainage area.-- 14.3 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Oct. 7, 1974. Altitude of gage is 5,600 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	1.57	14
1975	Aug. 6, 1975	1.64	16
1976	Apr. 1, 1976	1.56	13
1977	--	--	(d)
1978	Apr. 1, 1978	1.38	8
1979	May 15, 1979	1.27	5
1980	Sept. 11, 1980	2.40	(e)102
1981	Feb. 19, 1981	1.35	7
1982	May 2, 1982	1.25	5
1983	Aug. 21, 1983	1.79	24
1984	June 21, 1984	1.21	4
1985	Apr. 20, 1985	1.33	6
1986	Feb. 24, 1986	1.04	2
1987	--	--	(d)
1988	--	--	(d)
1989	Feb. 28, 1989	1.84	(b)15

06027700 Fish Creek near Silver Star, MT

Location.--Lat 45°46'18", long 112°14'56", in NW1/4 sec.8, T.1 S., R.5 W., Silver Bow County, Hydrologic Unit 10020005, at bridge on county road, 6 mi north of Silver Star.
Drainage area.--38.9 mi^2.
Records available.--1959 to current year.
Gage.--Crest-stage gage installed May 7, 1959. Altitude of gage is 4,790 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1959	June 6, 1959	1.15	166
1960	May 13, 1960	.91	105
1961	Apr. 4, 1961	1.13	160
1962	June 3, 1962	.95	115
1963	June 11, 1963	1.16	141
1964	June 19, 1964	(c)1.49	150
1965	June 16, 1965	1.74	220
1966	May 2, 1966	.67	54
1967	June 11, 1967	1.78	228
1968	June 15, 1968	1.22	132
1969	May 27, 1969	1.50	175
1970	May 30, 1970	1.00	100
1971	June 27, 1971	.91	85
1972	June 11, 1972	1.07	106
1973	June 17, 1973	.85	73
1974	May 31, 1974	1.10	110
1975	June 19, 1975	1.91	240
1976	Mar. 17, 1976	(c)2.62	(b)185
1977	June 10, 1977	1.17	105
1978	Mar. 31, 1978	1.97	250
1979	May 28, 1979	1.21	110
1980	May 25, 1980	1.05	96
1981	June 17, 1981	1.77	210
1982	June 18, 1982	1.36	140
1983	May 28, 1983	1.30	133
1984	May 17, 1984	1.39	135
1985	June 4, 1985	.75	52
1986	June 3, 1986	1.25	125
1987	May 17, 1987	1.11	102
1988	June 9, 1988	.54	28
1989	Mar. 11, 1989	(c)1.31	(b)65

06030300 Jefferson River tributary No. 2 near Whitehall, MT

Location.--Lat 45°52'48", long 111°58'28", in SE1/4 sec.33, T.2 N., R.3 W., Jefferson County, Hydrologic Unit 10020005, at culvert on State Highway 281, 6 mi east of Whitehall.
Drainage area.--4.50 mi^2.
Records available.--1958 to current year.
Gage.--Crest-stage gage installed May 7, 1959. Altitude of gage is 4,400 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1958	(a)June 24, 1958	4.45	169
1959	(a)Apr. 6, 1959	2.37	71
1960	--	--	(d)
1961	Sept. 11, 1961	1.32	34
1962	--	--	(d)
1963	Feb. 2, 1963	1.38	39
1964	June 8, 1964	.41	10
1965	Aug. 22, 1965	.30	8
1966	--	--	(d)
1967	July 18, 1967	.37	9
1968	Feb. 19, 1968	.37	9
1969	Mar. 18, 1969	.32	8
1970	July 11, 1970	.00	8
1971	Jan. 17, 1971	.10	5
1972	--	--	(d)
1973	--	--	(d)
1974	Aug. 20, 1974	.76	65
1975	July 31, 1975	2.03	132
1976	June 17, 1976	.74	65
1977	Sept. 16, 1977	-1.54	2
1978	Mar. 7, 1978	-1.01	10
1979	Mar. 7, 1979	(c)-1.11	1
1980	--	--	(d)
1981	May 22, 1981	-1.34	5
1982	Feb. 14, 1982	-1.03	10
1983	Jan. 12, 1983	-1.00	10
1984	Aug. 31, 1984	.06	58
1985	June 1, 1985	-1.51	3
1986	Sept. 17, 1986	-1.22	7
1987	--	--	(d)
1988	--	--	(d)
1989	Apr. 27, 1989	.95	35

06031950 Cataract Creek near Basin, MT

Location.--Lat 46°17'10", long 112°14'33", in NW1/4 SW1/4 sec.9, T.6 N., R.5 W., Jefferson County, Hydrologic Unit 10020006, on bridge on county road 200 ft upstream from Big Limber Gulch, 2.1 mi northeast of Basin.
Drainage area.--30.6 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Mar. 29, 1974. Altitude of gage is 5,450 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)May 18, 1973	2.17	233
1974	May 20, 1974	2.42	300
1975	June 19, 1975	unknown	623
1976	May 17, 1976	2.80	320
1977	June 12, 1977	1.61	105
1978	May 22, 1978	2.83	370
1979	May 22, 1979	2.49	280
1980	May 7, 1980	2.06	180
1981	May 22, 1981	6.88	3,150
1982	May 25, 1982	2.87	200
1983	May 26, 1983	2.91	200
1984	May 17, 1984	2.71	250
1985	May 3, 1985	2.45	185
1986	May 28, 1986	2.61	245
1987	May 28, 1987	2.52	210
1988	May 13, 1988	2.55	222
1989	May 12, 1989	2.63	256

06038550 Cabin Creek near West Yellowstone, MT

Location.--Lat 44°52'19", long 111°20'29", in NW1/4 SE1/4 sec.15, T.11 S., R.3 E., Gallatin County, Hydrologic Unit 10020007, at U.S. Forest Service Cabin Creek campground on U.S. Highway 287, 12.8 mi west of U.S. Highway 191, 19 mi northwest of West Yellowstone.
Drainage area.--30.3 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Oct. 10, 1974. Datum of gage is 6,476.23 ft above sea level.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	4.00	1,500
1975	June 19, 1975	2.26	375
1976	May 15, 1976	2.32	395
1977	June 13, 1977	2.00	200
1978	June 10, 1978	2.54	460
1979	May 27, 1979	2.34	385
1980	May 26, 1980	2.04	340
1981	May 26, 1981	2.13	350
1982	June 28, 1982	2.57	560
1983	June 26, 1983	2.62	585
1984	May 31, 1984	2.52	250
1985	May 3, 1985	2.11	310
1986	May 28, 1986	2.48	520
1987	Apr. 30, 1987	2.10	363
1988	May 18, 1988	2.08	355
1989	May 10, 1989	2.06	325

06043300 Logger Creek near Gallatin Gateway, MT

Location.--Lat 45°27'17", long 111°14'38", in SW1/4 sec.28, T.4 S., R.4 E., Gallatin County, Hydrologic Unit 10020008, at culvert on U.S. Highway 191, 10 mi south of Gallatin Gateway.
Drainage area.--2.48 mi^2.
Records available.--1959 to current year.
Gage.--Crest-stage gage installed May 5, 1959. Altitude of gage is 5,340 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1959	June 7, 1959	1.03	20
1960	May 12, 1960	.69	9
1961	May 26, 1961	.34	6
1962	June 13, 1962	.73	18
1963	May 27, 1963	.38	11
1964	June 8, 1964	1.09	25
1965	June 15, 1965	.66	18
1966	May 6, 1966	.08	5
1967	June 22, 1967	.50	16
1968	June 11, 1968	.93	24
1969	June 26, 1969	.66	17
1970	May 21, 1970	1.12	29
1971	June 27, 1971	.90	17
1972	June 2, 1972	.49	11
1973	May 20, 1973	.86	20
1974	June 16, 1974	1.24	30
1975	June 16, 1975	1.05	22
1976	May 25, 1976	.87	23
1977	June 13, 1977	.25	7
1978	June 10, 1978	.61	13
1979	June 13, 1979	.51	10
1980	June 20, 1980	.57	13
1981	May 22, 1981	2.22	92
1982	June 23, 1982	.73	11
1983	May 28, 1983	.73	15
1984	May 14, 1984	1.20	47
1985	May 03, 1985	.10	5
1986	May 30, 1986	.81	28
1987	May 28, 1987	.34	10
1988	May 18, 1988	.61	16
1989	May 10, 1989	.34	9

06046500 Rocky Creek near Bozeman, MT

Location.--Lat 45°39'17", long 110°56'33", in NE1/4 sec.23, T.2 S., R.6 E., Gallatin County, Hydrologic Unit 10020008, 5 mi east of Bozeman.
Drainage area.--50.5 mi^2.
Records available.--November 1951 to September 1953 (continuous record), 1956-57 (miscellaneous measurements only), May 1959 to current year.
Gage.--Crest-stage gage installed Sept. 26, 1962. Altitude of gage is 4,980 ft, from topographic map. Records equivalent to those at recorder site 1.2 mi upstream (at different datum) used prior to October 1966.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1952	Apr. 19, 1952	4.08	421
1953	June 3, 1953	4.65	608
1959	Apr. 1, 1959	3.90	337
1960	May 8, 1960	3.64	248
1961	May 2, 1961	3.03	90
1962	Apr. 16, 1962	3.42	285
1963	Apr. 27, 1963	4.11	400
1964	May 17, 1964	3.65	212
1965	May 15, 1965	3.83	345
1966	Mar. 31, 1966	(c)3.34	(b)250
1967	May 8, 1967	1.00	300
1968	May 22, 1968	1.54	415
1969	June 26, 1969	2.06	525
1970	May 21, 1970	2.54	810
1971	Apr. 24, 1971	3.11	1,230
1972	May 22, 1972	.74	240
1973	May 14, 1973	1.61	520
1974	May 30, 1974	.83	280
1975	May 17, 1975	1.77	680
1976	May 12, 1976	1.56	600
1977	Apr. 26, 1977	1.65	280
1978	Apr. 1, 1978	2.47	480
1979	May 6, 1979	2.47	400
1980	Apr. 26, 1980	3.06	820
1981	May 22, 1981	4.90	1,140
1982	Apr. 30, 1982	2.16	500
1983	Apr. 29, 1983	2.00	400
1984	May 14, 1984	2.72	535
1985	Apr. 16, 1985	1.34	223
1986	May 29, 1986	1.44	250
1987	May 28, 1987	1.28	210
1988	May 17, 1988	2.67	514
1989	May 10, 1989	1.66	267

06053050 Lost Creek near Ringling, MT

Location.--Lat 46°45'38", long 110°47'08", in SE1/4 SE1/4 sec.24, T.6 N., R.7 E., Meagher County, Hydrologic Unit 10030101, on bridge on U.S. Highway 89, 1 mi southeast of Ringling.
Drainage area.--9.59 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed May 30, 1974. Altitude of gage is 5,340 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a) Jan. 16, 1974	3.46	297
1975	May 10, 1975	3.18	120
1976	Apr. 12, 1976	(c) 3.78	(b) 50
1977	Apr. 6, 1977	(c) 2.10	(b) 13
1978	Mar. 26, 1978	2.89	130
1979	June 19, 1979	3.03	70
1980	May 25, 1980	2.85	120
1981	May 22, 1981	2.93	140
1982	Apr. 27, 1982	1.80	12
1983	May 20, 1983	(f)	(b) 6
1984	Jan. 5, 1984	2.95	60
1985	Apr. 2, 1985	3.05	25
1986	Feb. 24, 1986	(c) 3.98	(b) 80
1987	May 21, 1987	(f)	(b) 1
1988	Apr. 18, 1988	(f)	3
1989	Apr. 23, 1989	2.35	17

06056300 Cabin Creek near Townsend, MT

Location.--Lat 46°20'00", long 111°13'05", in NW1/4 sec.27, T.7 N., R.4 E., Broadwater County, Hydrologic Unit 10030101, at bridge 100 ft upstream from mouth, 14.5 mi east of Townsend.
Drainage area.--11.8 mi^2.
Records available.--1959 to current year.
Gage.--Crest-stage gage installed May 22, 1959. Altitude of gage is 4,900 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1960	June 4, 1960	2.00	70
1961	June 22, 1961	.14	2
1962	May 22, 1962	.37	8
1963	June 21, 1963	.53	13
1964	May 19, 1964	1.37	38
1965	June 2, 1965	1.08	17
1966	May 5, 1966	1.05	14
1967	May 23, 1967	1.28	23
1968	May 26, 1968	1.06	22
1969	May 26, 1969	.93	10
1970	May 19, 1970	1.42	40
1971	May 4, 1971	1.31	19
1972	May 26, 1972	1.00	15
1973	May 25, 1973	.40	1
1974	May 30, 1974	.94	15
1975	May 17, 1975	1.66	50
1976	Aug. 23, 1976	.93	15
1977	June 2, 1977	.24	2
1978	May 10, 1978	1.39	35
1979	May 21, 1979	.90	17
1980	June 6, 1980	.86	14
1981	May 24, 1981	2.13	42
1982	June 14, 1982	3.08	12
1983	May 31, 1983	2.73	14
1984	May 16, 1984	2.67	14
1985	May 4, 1985	2.11	5
1986	Sept. 7, 1986	2.33	7
1987	May 27, 1987	2.17	5
1988	June 6, 1988	1.97	1
1989	June 13, 1989	2.16	4

06058700 Mitchell Gulch near East Helena, MT

Location.--Lat 46°34'20", long 111°49'21", in NW1/4 sec.2, T.9 N., R.2 W., Lewis and Clark County, Hydrologic Unit 10030101, at culvert on U.S. Highway 12, 4.7 mi east of East Helena.
Drainage area.--8.09 mi^2.
Records available.--1959 to current year.
Gage.--Crest-stage gage installed May 14, 1959. Altitude of gage is 4,060 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1959	(a)Mar. 1959	0.96	53
1960	Mar. 19, 1960	.32	6
1961	June 29, 1961	.27	2
1962	Mar. 20, 1962	.43	12
1963	Feb. 4, 1963	1.41	107
1964	--	--	(d)
1965	Apr. 1, 1965	.62	28
1966	Mar. 10, 1966	.93	50
1967	Mar. 22, 1967	.94	52
1968	--	--	(d)
1969	Mar. 31, 1969	1.06	90
1970	July 12, 1970	-1.28	2
1971	Feb. 10, 1971	-1.07	4
1972	--	--	(d)
1973	Sept. 7, 1973	.51	139
1974	Jan. 15, 1974	-.24	53
1975	Apr. 20, 1975	.24	90
1976	Mar. 17, 1976	-1.19	2
1977	--	--	(d)
1978	Mar. 20, 1978	.46	82
1979	June 18, 1979	-.21	43
1980	Apr. 12, 1980	-.57	25
1981	May 22, 1981	.77	105
1982	Feb. 20, 1982	-.70	9
1983	May 19, 1983	-.70	9
1984	Jan. 5, 1984	-1.17	2
1985	Mar. 16, 1985	-.74	24
1986	Feb. 25, 1986	1.76	195
1987	Sept. 24, 1987	-2.06	(b)1
1988	--	--	(d)
1989	Mar. 30, 1989	-.24	31

06071600 Wegner Creek at Craig, MT

Location.--Lat 47°04'35", long 111°57'17", in NW1/4 sec.11, T.15 N., R.3 W., Lewis and Clark County, Hydrologic Unit 10030102, at bridge on U.S. Highway 91, 0.9 mi east of Craig.
Drainage area.--35.7 mi^2.
Records available.--1959 to current year.
Gage.--Crest-stage gage installed May 15, 1959. Altitude of gage is 3,450 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1960	June 2, 1960	0.59	46
1961	July 6, 1961	2.54	408
1962	Apr. 19, 1962	.33	24
1963	Feb. 3, 1963	.67	48
1964	May 6, 1964	1.84	280
1965	Mar. 31, 1965	1.11	125
1966	July 1, 1966	4.64	1,020
1967	June 12, 1967	1.06	160
1968	June 10, 1968	.36	84
1969	July 7, 1969	.70	110
1970	June 13, 1970	1.05	220
1971	Feb. 13, 1971	(f)	30
1972	Mar. 13, 1972	-.13	38
1973	Apr. 27, 1973	-.09	78
1974	May 20, 1974	.16	104
1975	May 7, 1975	3.15	640
1976	May 4, 1976	1.07	230
1977	Apr. 8, 1977	2.03	16
1978	May 18, 1978	.75	120
1979	Apr. 17, 1979	.53	78
1980	May 25, 1980	1.89	270
1981	May 22, 1981	2.68	360
1982	May 28, 1982	.90	130
1983	May 19, 1983	2.07	330
1984	May 3, 1984	unknown	34
1985	Sept. 8, 1985	.00	47
1986	May 20, 1986	(f)	(b)20
1987	May 27, 1987	(f)	40
1988	May 7, 1988	1.60	235
1989	Apr. 27, 1989	(f)	38

06073600 Black Rock Creek near Augusta, MT

Location.--Lat 47°17'28", long 112°09'46", in NE1/4 NW1/4 sec.30, T.18 N., R.4 W., Lewis and Clark County, Hydrologic Unit 10030102, at culvert 0.1 mi north of Bowmans Corner on U.S. Highway 287, 17.5 mi southeast of Augusta.
Drainage area.--5.54 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Aug. 29, 1974. Altitude of gage is 4,165 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(d)	6.36	327
1975	May 7, 1975	7.46	428
1976	May 4, 1976	4.17	120
1977	June 14, 1977	6.03	290
1978	Mar. 17, 1978	6.90	380
1979	Mar. 7, 1979	(c)7.04	(b)100
1980	May 30, 1980	4.99	190
1981	May 22, 1981	(f)	(b)5
1982	Feb. 13, 1982	(c)5.96	(b)240
1983	Mar. 12, 1983	3.80	96
1984	Apr. 20, 1984	2.69	25
1985	May 8, 1985	5.12	210
1986	Feb. 26, 1986	8.66	550
1987	July 18, 1987	3.17	54
1988	--	--	(d)
1989	Mar. 13, 1989	8.71	555

06076700 Sheep Creek near Neihart, MT

Location.--Lat 46°47'59", long 110°42'10", in SE1/4 sec.15, T.12 N., R.8 E., Meagher County, Hydrologic Unit 10030103, at culvert on U.S. Highway 89, 10 mi south of Neihart.
Drainage area.--5.23 mi^2.
Records available.--1959 to current year.
Gage.--Crest-stage gage installed May 22, 1959. Altitude of gage is 6,600 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1960	May 12, 1960	1.12	38
1961	May 27, 1961	1.11	37
1962	May 21, 1962	1.37	49
1963	June 2, 1963	1.08	39
1964	June 8, 1964	2.12	113
1965	June 16, 1965	2.40	138
1966	May 10, 1966	1.27	50
1967	May 31, 1967	2.07	110
1968	May 25, 1968	1.68	78
1969	May 17, 1969	.88	28
1970	June 12, 1970	2.30	132
1971	June 3, 1971	1.32	51
1972	June 6, 1972	1.66	80
1973	June 14, 1973	.59	17
1974	June 20, 1974	1.65	82
1975	June 11, 1975	1.74	98
1976	May 14, 1976	1.22	58
1977	May 27, 1977	1.01	34
1978	May 17, 1978	1.55	70
1979	June 19, 1979	1.76	70
1980	May 3, 1980	1.62	75
1981	May 23, 1981	1.86	95
1982	June 17, 1982	1.49	66
1983	May 27, 1983	1.03	38
1984	May 17, 1984	1.30	54
1985	May 26, 1985	.81	27
1986	June 2, 1986	1.34	56
1987	May 2, 1987	1.08	43
1988	May 7, 1988	1.11	45
1989	May 11, 1989	.91	35

06077300 Trout Creek near Eden, MT

Location.--Lat 47°07'10", long 111°22'19", in NE1/4 SE1/4 sec.29, T.15 N., R.3 E., Cascade County, Hydrologic Unit 10030103, at bridge on county road, at old town site of Millegan, 16.2 mi south of Secondary Highway 330, 18.0 mi south of Eden.
Drainage area.--13.2 mi^2.
Records available.--1974 to September 1984 (discontinued).
Gage.--Crest-stage gage installed Aug. 27, 1974. Altitude of gage is 4,515 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	2.05	45
1975	June 30, 1975	4.70	430
1976	May 3, 1976	2.08	40
1977	Apr. 8, 1977	(c) 2.77	(b) 8
1978	May 8, 1978	(c) 3.44	(b) 54
1979	Apr. 16, 1979	(c) 2.66	(b) 32
1980	June 6, 1980	2.67	38
1981	May 22, 1981	4.73	275
1982	May 28, 1982	2.87	55
1983	May 19, 1983	2.93	23
1984	May 28, 1984	2.79	17

06077800 Goodman Coulee near Eden, MT

Location.--Lat 47°19'29", long 111°25'35", in center of sec.12, T.18 N., R.2 E., Cascade County, Hydrologic Unit 10030103, at culvert on county road, 8 mi northwest of Eden.
Drainage area.--22.1 mi^2.
Records available.--1959 to September 1982 (discontinued).
Gage.--Crest-stage gage installed May 25, 1959. Altitude of gage is 3,370 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1959	(a)Apr. 22, 1959	1.57	49
1960	May 1, 1960	1.92	41
1961	--	--	(d)
1962	Mar. 19, 1962	4.17	127
1963	Feb. 4, 1963	2.30	55
1964	May 3, 1964	5.73	150
1965	July 30, 1965	3.80	117
1966	Mar. 8, 1966	6.73	437
1967	June 15, 1967	4.33	(b)100
1968	May 25, 1968	2.51	22
1969	June 25, 1969	6.72	435
1970	May 11, 1970	4.91	140
1971	Sept. 1, 1971	4.33	100
1972	May 26, 1972	3.57	57
1973	Apr. 28, 1973	2.77	28
1974	May 22, 1974	4.45	105
1975	May 7, 1975	7.43	1,340
1976	Apr. 30, 1976	(c)5.23	(b)100
1977	Apr. 7, 1977	3.17	14
1978	Mar. 19, 1978	(c)6.58	(b)150
1979	Mar. 17, 1979	(c)5.95	(b)85
1980	May 25, 1980	(c)6.07	(b)89
1981	May 22, 1981	5.76	240
1982	Apr. 11, 1982	6.64	115

06090550 Little Otter Creek near Raynesford, MT

Location.-- Lat 47°15'05", long 110°43'50", in SW1/4 NW1/4 sec.8, T.17 N., R.8 E., Judith Basin County, Hydrologic Unit 10030105, at culvert on Secondary Highway 427, 1.1 mi south of State Highway 200, 1 mi south of Raynesford.
Drainage area.--39.5 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed July 23, 1974. Altitude of gage is 4,180 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	4.39	56
1975	May 8, 1975	8.90	245
1976	June 22, 1976	3.04	20
1977	Apr. 27, 1977	(f)	7
1978	Mar. 20, 1978	5.05	96
1979	June 19, 1979	3.20	25
1980	Mar. 9, 1980	4.84	86
1981	May 23, 1981	4.30	66
1982	Apr. 12, 1982	5.24	108
1983	July 10, 1983	2.40	10
1984	May 10, 1984	(f)	10
1985	May 3, 1985	3.34	28
1986	Feb. 24, 1986	3.51	35
1987	May 19, 1987	(f)	3
1988	July 15, 1988	1.96	3
1989	Mar. 10, 1989	4.88	88

06090810 Ninemile Coulee near Fort Benton, MT

Location.--Lat 47°42'01", long 110°42'12", in SE1/4 SE1/4 sec.34, T.23 N., R.8 E., Chouteau County, Hydrologic Unit 10030102, at culverts on county road, 8.4 mi south of Missouri River bridge at Fort Benton, 8.5 mi south of Fort Benton.
Drainage area.--16.9 mi^2.
Records available.--1972 to current year.
Gage.--Crest-stage gage installed Aug. 27, 1974. Altitude of gage is 3,230 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)Mar. 6, 1972	3.34	60
1973	(a)Apr. 27, 1973	2.62	34
1974	--	unknown	unknown
1975	May 7, 1975	9.24	1,570
1976	Apr. 30, 1976	2.90	43
1977	Sept. 30, 1977	1.74	4
1978	Mar. 21, 1978	5.04	126
1979	Mar. 7, 1979	9.58	2,110
1980	May 25, 1980	7.52	320
1981	May 22, 1981	7.60	360
1982	May 29, 1982	7.73	400
1983	July 10, 1983	7.19	210
1984	Feb. 22, 1984	3.31	38
1985	Mar. 16, 1985	3.29	38
1986	Feb. 26, 1986	3.54	47
1987	Mar. 30, 1987	2.73	14
1988	--	--	(d)
1989	Mar. 10, 1989	7.35	243

06097100 Blacktail Creek near Heart Butte, MT

Location.--Lat 48°14'56", long 112°47'19", in NW1/4 NW1/4 sec.28, T.29 N., R.9 W., Pondera County, Hydrologic Unit 10030201, at bridge on county road, 3.3 mi southeast of Heart Butte, 16.7 mi northwest of Dupuyer.
Drainage area.--16.4 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed July 29, 1974. Altitude of gage is 4,470 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1975	June 19, 1975	5.93	1,390
1976	May 14, 1976	1.77	100
1977	--	--	(d)
1978	July 7, 1978	5.20	1,000
1979	Apr. 10, 1979	2.40	178
1980	May 25, 1980	2.88	255
1981	May 23, 1981	1.99	120
1982	Apr. 12, 1982	2.58	205
1983	--	--	(d)
1984	Apr. 18, 1984	(f)	(b)1
1985	May 7, 1985	(f)	(b)10
1986	Feb. 24, 1986	3.48	390
1987	May 27, 1987	2.23	155
1988	--	--	(d)
1989	June 11, 1989	1.69	93

06098700 Powell Coulee near Browning, MT

Location.--Lat 48°45'01", long 112°45'21", in SE1/4 NE1/4 sec.34, T.35 N., R.9 W., Glacier County, Hydrologic Unit 10030202, at culvert on Secondary Highway 444, 10.5 mi north of U.S. Highway 2, 18 mi northeast of Browning.
Drainage area.--12.7 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed July 30, 1974. Altitude of gage is 4,145 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	1.22	6
1975	June 19, 1975	4.96	136
1976	Mar. 18, 1976	(c)2.55	(b)30
1977	June 16, 1977	2.25	28
1978	Mar. 18, 1978	(c)11.06	340
1979	Apr. 10, 1979	3.37	19
1980	May 26, 1980	2.81	8
1981	May 15, 1981	2.51	4
1982	Apr. 12, 1982	5.23	150
1983	Mar. 12, 1983	unknown	1
1984	Mar. 18, 1984	unknown	1
1985	Sept. 12, 1985	6.63	236
1986	Feb. 25, 1986	9.40	370
1987	Apr. 3, 1987	(c)2.88	(b)15
1988	--	--	(d)
1989	June 11, 1989	4.26	102

06100300 Lone Man Coulee near Valier, MT

Location.-- Lat 48°14'10", long 112°13'49", in SE1/4 sec.27, T.29 N., R.5 W., Pondera County, Hydrologic Unit 10030203, at culvert on county road, 5 mi south of Valier.
Drainage area.--14.1 mi^2.
Records available.--1959 to current year.
Gage.--Crest-stage gage installed May 27, 1959. Altitude of gage is 3,780 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1960	May 1, 1960	0.58	32
1961	May 17, 1961	.36	22
1962	Jan. 29, 1962	(c)2.87	(b)15
1963	Aug. 19, 1963	.49	27
1964	June 8, 1964	2.38	1,740
1965	Feb. 17, 1965	1.38	400
1966	Mar. 9, 1966	(c)2.68	(b)140
1967	June 10, 1967	.91	135
1968	Jan. 23, 1968	(c).85	(b)39
1969	Mar. 20, 1969	4.98	250
1970	July 13, 1970	3.04	46
1971	Feb. 14, 1971	(c)5.44	(b)200
1972	Mar. 13, 1972	7.62	830
1973	Apr. 25, 1973	.35	10
1974	Mar. 28, 1974	(f)	5
1975	June 30, 1975	6.02	5,440
1976	Aug. 5, 1976	7.65	115
1977	Apr. 5, 1977	(f)	1
1978	Mar. 19, 1978	7.96	500
1979	Mar. 6, 1979	7.54	(b)240
1980	May 25, 1980	5.55	85
1981	May 21, 1981	6.98	275
1982	June 30, 1982	6.15	145
1983	May 11, 1983	unknown	7
1984	Apr. 18, 1984	unknown	1
1985	Sept. 6, 1985	5.11	31
1986	Feb. 26, 1986	8.96	826
1987	Mar. 5, 1987	(f)	(b)10
1988	--	--	(d)
1989	Mar. 13, 1989	5.62	92

06101520 Favot Coulee tributary near Ledger, MT

Location.--Lat 48°15'47", long 111°42'09", in SE1/4 SW1/4 sec.14, T.29 N., R.1 W., Pondera County, Hydrologic Unit 10030203, at culvert on Secondary Highway 366, 0.3 (mi) east of Higgins School, 5.5 mi east of Ledger.
Drainage area.--0.86 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Aug. 28, 1974. Altitude of gage is 3,530 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a) Jan. 17, 1974	2.75	39
1975	Apr. 21, 1975	4.72	74
1976	Aug. 5, 1976	1.11	7
1977	--	--	(d)
1978	Mar. 29, 1978	3.50	54
1979	Mar. 10, 1979	1.96	21
1980	June 13, 1980	2.10	24
1981	May 21, 1981	5.31	92
1982	Apr. 1, 1982	2.97	5
1983	--	--	(d)
1984	--	--	(d)
1985	Aug. 21, 1985	3.05	44
1986	Feb. 24, 1986	5.22	80
1987	Apr. 2, 1987	1.14	3
1988	--	--	(d)
1989	Mar. 13, 1989	3.46	55

06101700 Fey Coulee tributary near Chester, MT

Location.--Lat 48°27'31", long 111°04'47", near center of east line of sec.9, T.31 N., R.5 E., Liberty County, Hydrologic Unit 10030203, at culvert on county road, 3.5 mi south of Tiber Siding on Great Northern Railway and U.S. Highway 2, 6.5 mi southwest of Chester.
Drainage area.--2.47 mi^2.
Records available.--1963 to current year.
Gage.--Crest-stage gage installed Apr. 17, 1963. Altitude of gage is 3,100 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1963	June 28, 1963	4.08	79
1964	June 8, 1964	.98	(b)10
1965	Apr. 10, 1965	3.34	67
1966	July 3, 1966	1.61	21
1967	Mar. 22, 1967	5.01	96
1968	--	--	(d)
1969	June 26, 1969	2.40	40
1970	July 13, 1970	2.32	38
1971	Feb. 25, 1971	1.80	25
1972	Mar. 18, 1972	2.11	32
1973	Feb. 24, 1973	.51	3
1974	Aug. 11, 1974	6.20	675
1975	Apr. 20, 1975	3.05	58
1976	Mar. 17, 1976	.69	6
1977	July 13, 1977	.33	1
1978	Mar. 31, 1978	5.26	97
1979	Mar. 13, 1979	2.27	35
1980	May 25, 1980	3.43	64
1981	--	--	(d)
1982	Mar. 23, 1982	2.40	38
1983	--	--	(d)
1984	May 15, 1984	5.20	425
1985	--	--	(d)
1986	Feb. 24, 1986	5.60	540
1987	Aug. 24, 1987	5.16	149(revised)
1988	--	--	(d)
1989	Mar. 10, 1989	3.94	74

06105800 Bruce Coulee tributary near Choteau, MT

Location.--Lat 47°44'07", long 112°15'05", near center of sec.21, T.23 N., R.5 W., Teton County, Hydrologic Unit 10030205, at bridge on county road, 1.2 mi west of State Highway 287, 6 mi southwest of Choteau.
Drainage area.--1.70 mi^2.
Records available.--1963 to current year.
Gage.--Crest-stage gage installed Apr. 16, 1963. Altitude of gage is 3,940 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1963	June 28, 1963	0.65	(b)18
1964	June 8, 1964	1.76	148
1965	June 16, 1965	1.90	140
1966	July 2, 1966	3.50	247
1967	June 10, 1967	2.44	155
1968	Sept. 21, 1968	.54	15
1969	Mar. 26, 1969	.92	40
1970	July 13, 1970	1.84	105
1971	Feb. 13, 1971	.83	30
1972	June 9, 1972	5.06	390
1973	Apr. 25, 1973	.49	12
1974	Aug. 13, 1974	1.08	50
1975	June 19, 1975	2.00	120
1976	May 4, 1976	.93	37
1977	Apr. 5, 1977	1.15	52
1978	July 2, 1978	2.37	142
1979	June 18, 1979	1.34	10
1980	May 25, 1980	2.06	70
1981	May 24, 1981	1.84	43
1982	June 30, 1982	2.22	110
1983	July 10, 1983	1.85	40
1984	June 21, 1984	1.58	43
1985	Aug. 16, 1985	2.02	60
1986	Sept. 18, 1986	2.73	284
1987	July 18, 1987	2.17	99
1988	May 30, 1988	2.04	5
1989	Aug. 26, 1989	2.50	11

06109530 Little Sandy Creek tributary near Big Sandy, MT

Location.--Lat 48°05'15", long 109°56'34", in NW1/4 NW1/4 sec.21, T.27 N., R.14 E., Chouteau County, Hydrologic Unit 10040101, at culvert on county road 11 mi east of Secondary Highway 236, 10 mi southeast of Big Sandy.
Drainage area.-- 0.80 mi^2.
Records available.--1972, 1974 to current year.
Gage.--Crest-stage gage installed July 15, 1974. Altitude of gage is 3,340 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	4.10	47
1974	(a) May 13, 1974	1.35	7
1975	May 6, 1975	1.01	5
1976	Mar. 18, 1976	1.53	9
1977	--	--	(d)
1978	Mar. 29, 1978	1.65	4
1979	July 22, 1979	1.45	3
1980	June 27, 1980	1.39	3
1981	Feb. 14, 1981	2.48	7
1982	May 31, 1982	2.04	5
1983	Mar. 3, 1983	1.51	3
1984	Apr. 16, 1984	1.33	2
1985	Mar. 17, 1985	2.08	5
1986	Feb. 25, 1986	2.13	6
1987	Jan. 10, 1987	1.22	2
1988	July 5, 1988	1.50	3
1989	Mar. 10, 1989	(c) 3.41	(b) 6

06109560 Alkali Coulee tributary near Big Sandy, MT

Location.--Lat 48°03'19", long 110°05'21", in SW1/4 NW1/4 sec.32, T.27 N., R.13 E., Chouteau County, Hydrologic Unit 10040101, on culvert on county road, 2.1 mi south of Secondary Highway 236, 9.1 mi southeast of Big Sandy.
Drainage area.--0.96 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed July 1974. Altitude of gage is 2,785 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a) May 13, 1974	1.24	11
1975	May 7, 1975	1.76	30
1976	Mar. 18, 1976	2.03	112
1977	Sept. 30, 1977	1.17	2
1978	Mar. 28, 1978	2.07	11
1979	Mar. 13, 1979	(c) 2.85	(g) 3
1980	Mar. 14, 1980	1.37	3
1981	May 31, 1981	2.20	13
1982	May 31, 1982	2.00	10
1983	July 10, 1983	1.56	5
1984	Jan. 31, 1984	2.30	2
1985	Mar. 17, 1985	1.41	3
1986	Sept. 25, 1986	3.13	37
1987	June 20, 1987	1.26	2
1988	July 5, 1988	3.34	39
1989	Mar. 10, 1989	2.39	14

06111700 Mill Creek near Lewistown, MT

Location.--Lat 46°59'44", long 109°26'49", in NE1/4 sec.9, T.14 N., R.18 E., Fergus County, Hydrologic Unit 10040103, at culverts on county road, 5 mi south of Lewistown.
Drainage area.--3.14 mi^2.
Records available.--1959 to current year.
Gage.--Crest-stage gage installed May 21, 1959. Altitude of gage is 4,200 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1960	Mar. 18, 1960	0.94	10
1961	--	--	(d)
1962	May 21, 1962	3.24	40
1963	May 12, 1963	.54	5
1964	May 3, 1964	3.67	44
1965	June 17, 1965	5.00	66
1966	Mar. 12, 1966	(c)1.71	(b)1
1967	June 14, 1967	2.44	29
1968	June 9, 1968	1.13	12
1969	Apr. 1, 1969	1.36	15
1970	May 18, 1970	1.90	22
1971	Mar. 30, 1971	2.31	28
1972	Mar. 18, 1972	.48	5
1973	June 3, 1973	.45	5
1974	May 13, 1974	.91	10
1975	May 6, 1975	7.25	87
1976	May 5, 1976	.73	9
1977	Apr. 8, 1977	.08	3
1978	July 4, 1978	4.49	57
1979	Mar. 15, 1979	(c)2.04	(b)20
1980	Mar. 31, 1980	.13	4
1981	May 20, 1981	1.34	15
1982	Apr. 11, 1982	4.57	58
1983	Mar. 11, 1983	.10	4
1984	Apr. 8, 1984	.80	4
1985	May 10, 1985	.02	3
1986	May 5, 1986	.71	9
1987	Apr. 16, 1987	(c).31	(b)2
1988	May 8, 1988	3.41	41
1989	May 13, 1989	1.18	14

06112800 Bull Creek tributary near Hilger, MT

Location.--Lat 47°15'10", long 109°21'51", in NW1/4 NE1/4 sec.12, T.17 N., R.18 E., Fergus County, Hydrologic Unit 10040103, at culvert on county road, 0.4 mi west of Hilger.
Drainage area.--0.99 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed July 25, 1974. Altitude of gage is 4,050 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	2.46	17
1975	May 21, 1975	4.29	64
1976	Feb. 2, 1976	2.21	14
1977	May 15, 1977	3.02	23
1978	July 4, 1978	4.66	78
1979	Mar. 15, 1979	(c)4.31	(b)30
1980	Mar. 31, 1980	(c)2.01	(b)4
1981	May 16, 1981	2.45	12
1982	Apr. 12, 1982	3.35	32
1983	May 10, 1983	2.07	7
1984	Apr. 8, 1984	2.97	5
1985	Aug. 16, 1985	1.63	2
1986	Sept. 9, 1986	2.32	10
1987	May 27, 1987	1.48	1
1988	May 8, 1988	2.20	8
1989	Mar. 10, 1989	(c)2.32	(b)5

06114550 Wolf Creek tributary near Coffee Creek, MT

Location.--Lat 47°17'56", long 110°07'57", in NE1/4 NE1/4 sec.25, T.18 N., R.12 E., Judith Basin County, Hydrologic Unit 10040103, at culverts on county road, 1.8 mi east of Secondary Highway 230, 4 mi southwest of Coffee Creek.
Drainage area.--1.73 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed July 24, 1974. Altitude of gage is 3,875 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	Aug. 20, 1974	4.90	201
1975	Apr. 16, 1975	5.42	660
1976	Aug. 22, 1976	2.12	6
1977	Apr. 8, 1977	(c)2.75	(b)10
1978	July 4, 1978	5.55	780
1979	Mar. 6, 1979	5.78	(b)140
1980	May 25, 1980	2.14	6
1981	May 22, 1981	3.46	21
1982	May 9, 1982	3.53	23
1983	Apr. 3, 1983	2.09	5
1984	Apr. 15, 1984	1.58	2
1985	Sept. 7, 1985	3.36	20
1986	Feb. 24, 1986	3.54	23
1987	Jan. 10, 1987	2.37	10
1988	May 7, 1988	1.63	2
1989	Mar. 10, 1989	2.96	16

06114900 Taffy Creek tributary near Winifred, MT

Location.--Lat 47°39'06", long 109°15'33", in SW1/4 NW1/4 sec.26, T.22 N., R.19 E., Fergus County, Hydrologic Unit 10040101, at culvert on county road, 8.5 mi northeast of Winifred.
Drainage area.--2.47 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed July 25, 1974. Altitude of gage is 3,170 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a) July 7, 1974	5.80	153
1975	June 19, 1975	5.89	161
1976	June 22, 1976	3.20	56
1977	June 21, 1977	1.73	18
1978	May 18, 1978	5.94	134
1979	Mar. 15, 1979	3.21	(b) 40
1980	May 25, 1980	1.65	11
1981	May 16, 1981	2.47	33
1982	Sept. 27, 1982	6.12	180
1983	Apr. 10, 1983	2.38	31
1984	Apr. 8, 1984	1.78	15
1985	Sept. 24, 1985	2.53	37
1986	Sept. 25, 1986	4.23	94
1987	--	--	(d)
1988	--	--	(d)
1989	July 13, 1989	3.29	65

06115300 Duval Creek near Landusky, MT

Location.--Lat 47°45'17", long 108°42'23", in center of sec.13, T.23 N., R.23 E., Phillips County, Hydrologic Unit 10040104, at culvert on U.S. Highway 191, 10.0 road mi north of the Fred Robinson Bridge over the Missouri River, 11 mi southwest of Landusky.
Drainage area.--3.31 mi^2.
Records available.--1963 to current year.
Gage.--Crest-stage gage installed May 14, 1963. Altitude of gage is 2,900 ft, from topographic map.
Annual maximum data.--

Water year		Date	Gage height (ft)	Discharge (ft^3/s)
1963	(a)	May 11, 1963	2.13	46
1964		Aug. 20, 1964	4.23	145
1965		May 7, 1965	6.30	280
1966		Apr. 26, 1966	2.14	47
1967		Mar. 23, 1967	3.80	73
1968		Feb. 28, 1968	2.09	19
1969		Apr. 26, 1969	3.06	46
1970		Apr. 28, 1970	2.84	40
1971		Mar. 16, 1971	2.79	17
1972		June 9, 1972	7.45	340
1973		June 15, 1973	1.79	12
1974		Aug. 8, 1974	6.27	235
1975		May 6, 1975	4.67	168
1976		June 22, 1976	10.46	470
1977		Apr. 5, 1977	.95	1
1978		July 4, 1978	3.89	80
1979		Apr. 23, 1979	2.18	20
1980		May 25, 1980	1.86	14
1981		June 23, 1981	1.64	11
1982		May 29, 1982	3.80	75
1983		July 10, 1983	4.28	97
1984		Mar. 18, 1984	1.20	6
1985		Aug. 3, 1985	5.56	178
1986		Sept. 25, 1986	13.34	760
1987		--	--	(d)
1988		May 7, 1988	3.59	66
1989		Mar. 27, 1989	2.77	35

06117800 Big Coulee near Martinsdale, MT
(formerly published as Dirty Creek near Martinsdale, MT)

Location.--Lat 46°33'00", long 110°18'52", in SW1/4 SW1/4 sec.11, T.9 N., R.11 E., Meagher County, Hydrologic Unit 10040201, at culvert on county road, 4.3 mi north of U.S. Highway 12, 4.9 mi north of junction of U.S. Highway 12 and turnoff to Martinsdale, 6.5 mi north of Martinsdale.
Drainage area.--2.86 mi^2.
Records available.--1972, 1974 to current year.
Gage.--Crest-stage gage installed Aug. 5, 1974. Altitude of gage is 5,050 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	5.77	252
1974	(a) Jan. 16, 1974	unknown	2
1975	Apr. 12, 1975	5.51	120
1976	Apr. 30, 1976	2.75	7
1977	--	--	(d)
1978	Mar. 29, 1978	5.69	195
1979	June 19, 1979	5.75	240
1980	May 25, 1980	4.08	17
1981	May 26, 1981	3.98	16
1982	July 26, 1982	3.69	14
1983	Mar. 11, 1983	2.16	1
1984	Feb. 21, 1984	2.21	1
1985	Mar. 16, 1985	2.41	1
1986	Mar. 2, 1986	5.84	140
1987	June 9, 1987	6.08	260
1988	--	--	(d)
1989	Apr. 27, 1989	3.37	12

06120800 Alkalai Creek near Harlowton, MT
(formerly published as Antelope Creek tributary No. 2 near Harlowton, MT)

Location.--Lat 46°27'47", long 109°49'29", in SE1/4 sec.10, T.8 N., R.15 E., Wheatland County, Hydrologic Unit 10040201, at E. S. Bacon ranch, 1.5 mi north of Harlowton.
Drainage area.--21.2 mi^2.
Records available.--1955 to current year.
Gage.--Crest-stage gage installed July 13, 1955. Altitude of gage is 4,250 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1956	June 15, 1956	3.51	820
1957	June 21, 1957	1.95	190
1958	June 1958	.36	35
1959	Mar. 20, 1959	.57	80
1960	--	(f)	(b)25
1961	--	(f)	(b)25
1962	June 16, 1962	5.56	3,230
1963	Feb. 4, 1963	.61	(b)20
1964	June 8, 1964	1.41	(b)130
1965	June 12, 1965	3.79	922
1966	--	(f)	(b)50
1967	June 13, 1967	1.32	125
1968	June 7, 1968	1.04	95
1969	Mar. 31, 1969	.77	65
1970	May 7, 1970	(f)	(b)20
1971	May 10, 1971	(f)	5
1972	May 10, 1972	(f)	(b)2
1973	June 2, 1973	.72	63
1974	Aug. 20, 1974	1.17	90
1975	Aug. 19, 1975	2.61	345
1976	June 22, 1976	(c)6.50	5,390
1977	July 21, 1977	(f)	3
1978	Mar. 21, 1978	2.87	427
1979	June 19, 1979	2.21	210
1980	June 15, 1980	4.01	1,100
1981	June 16, 1981	2.76	390
1982	July 25, 1982	.60	55
1983	July 10, 1983	.92	80
1984	Sept. 23, 1984	.22	35
1985	Sept. 8, 1985	1.74	170
1986	July 5, 1986	2.05	220
1987	June 9, 1987	3.01	480
1988	July 5, 1988	-.52	10
1989	June 20, 1989	.03	26

06123200 Sadie Creek near Harlowton, MT
(formerly published as Spring Creek tributary near Harlowton, MT)

Location.--Lat 46°11'39", long 109°53'48", in NW1/4 NW1/4 sec.18, T.5 N., R.15 E., Sweet Grass County, Hydrologic Unit 10040201, at culverts on U.S. Highway 191, 17 mi south of Harlowton.
Drainage area.--2.07 mi^2.
Records available.--1971, 1973 to current year.
Gage.--Crest-stage installed Oct. 29, 1973. Altitude of gage is 4,900 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1971	(a)	5.69	204
1973	(a)	--	(d)
1974	Aug. 20, 1974	1.21	2
1975	Apr. 20, 1975	2.46	32
1976	June 22, 1976	1.19	2
1977	--	--	(d)
1978	July 4, 1978	1.70	11
1979	June 17, 1979	1.53	8
1980	June 15, 1980	1.35	6
1981	July 6, 1981	1.57	11
1982	July 25, 1982	3.19	66
1983	--	--	(d)
1984	Jan. 5, 1984	1.30	4
1985	Mar. 19, 1985	1.22	3
1986	Sept. 25, 1986	4.66	136
1987	--	--	(d)
1988	--	--	(d)
1989	Aug. 24, 1989	2.07	20

06124600 East Fork Roberts Creek tributary near Judith Gap, MT

Location.--Lat 46°40'51", long 109°40'24", in SE1/4 SW1/4 sec.26, T.11 N., R.16 E., Wheatland County, Hydrologic Unit 10040201, at culvert on Secondary Highway 248, 3.5 mi east of Judith Gap.
Drainage area.--0.74 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Aug. 5, 1974. Altitude of gage is 4,725 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974 (a)	Apr. 30, 1974	3.89	82
1975	May 6, 1975	2.49	26
1976	Apr. 20, 1976	3.61	70
1977	Apr. 9, 1977	2.89	10
1978	Mar. 30, 1978	3.59	69
1979	June 19, 1979	3.14	48
1980	June 15, 1980	2.00	12
1981	May 16, 1981	1.83	9
1982	Apr. 7, 1982	3.20	51
1983	Mar. 10, 1983	1.83	7
1984	Apr. 5, 1984	2.68	4
1985	Apr. 17, 1985	1.78	8
1986	July 17, 1986	1.89	10
1987	May 27, 1987	3.06	46
1988	May 7, 1988	2.80	36
1989	Mar. 26, 1989	3.54	67

06125520 Swimming Woman Creek tributary near Hedgesville, MT

Location.--Lat 46°36'24", long 109°21'33", in SW1/4 SW1/4 sec.20, T.10 N., R.19 E., Golden Valley County, Hydrologic Unit 10040201, at culvert on county road, 1.3 mi east of county line, 12.5 mi northeast of Hedgesville, 19.5 mi east of Judith Gap.
Drainage area.--1.27 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Aug. 5, 1974. Altitude of gage is 4,900 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	4.19	47
1975	--	--	(d)
1976	Mar. 17, 1976	1.89	2
1977	--	--	(d)
1978	--	--	(d)
1979	June 18, 1979	2.22	6
1980	June 15, 1980	(f)	(b)1
1981	July 18, 1981	2.11	4
1982	Mar. 27, 1982	1.71	1
1983	--	--	(d)
1984	--	--	(d)
1985	--	--	(d)
1986	Aug. 31, 1986	9.95	403
1987	July 17, 1987	1.87	2
1988	--	--	(d)
1989	--	--	(d)

06125680 Big Coulee Creek tributary near Cushman, MT

Location.--Lat 46°14'52", long 109°02'00", in SE1/4 SE1/4 sec.24, T.6 N., R.21 E., Golden Valley County, Hydrologic Unit 10040201, at culvert on county road, 3.0 mi south of Cushman, 5.5 mi southwest of Lavina.
Drainage area.--1.23 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Aug. 6, 1974. Altitude of gage is 3,575 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	4.90	54
1975	May 10, 1975	1.86	11
1976	Apr. 29, 1976	(f)	1
1977	June 12, 1977	3.44	29
1978	Mar. 27, 1978	2.54	16
1979	Mar. 11, 1979	unknown	(b)10
1980	June 15, 1980	(f)	(b)2
1981	May 22, 1981	3.89	36
1982	June 5, 1982	2.22	10
1983	--	--	(d)
1984	Feb. 21, 1984	4.57	5
1985	--	--	(d)
1986	June 6, 1986	10.35	460
1987	--	--	(d)
1988	--	--	(d)
1989	Mar. 25, 1989	4.90	50

06127505 Fishel Creek near Musselshell, MT
(formerly published as Fish Creek near Musselshell, MT)

Location.--Lat 46°27'25", long 108°06'36", in NW1/4 SW1/4 sec.9, T.8 N., R.29 E., Musselshell County, Hydrologic Unit 10040202, at culvert on county road, 2.5 mi southwest of Hawk Creek road, 4.5 mi southwest of Musselshell.
Drainage area.--17.8 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Aug. 7, 1974. Altitude of gage is 3,150 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	5.80	86
1975	Mar. 3, 1975	2.13	16
1976	June 22, 1976	2.53	21
1977	--	--	(d)
1978	Mar. 21, 1978	3.27	32
1979	--	--	(d)
1980	June 15, 1980	(f)	.5
1981	--	--	(d)
1982	Feb. 16, 1982	3.86	40
1983	--	--	(d)
1984	--	--	(d)
1985	Mar. 17, 1985	1.27	1
1986	Feb. 25, 1986	3.06	30
1987	--	--	(d)
1988	--	--	(d)
1989	June 16, 1989	3.12	30

06127520 Home Creek near Sumatra, MT

Location.--Lat 46°38'14", long 107°37'12", in SE1/4 NW1/4 sec.7, T.10 N., R.33 E., Rosebud County, Hydrologic Unit 10040202, 100 ft upstream from U.S. Highway 12, 3.7 mi northwest of Sumatra.
Drainage area.--1.98 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Sept. 7, 1973. Altitude of gage is 3,080 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	2.51	105
1974	May 14, 1974	1.20	1
1975	May 6, 1975	2.85	140
1976	Jan. 17, 1976	1.46	25
1977	May 17, 1977	1.37	22
1978	Mar. 26, 1978	2.71	126
1979	Mar. 16, 1979	(c) 4.34	31
1980	May 25, 1980	2.05	70
1981	May 11, 1981	1.88	(b) 60
1982	June 8, 1982	1.79	53
1983	Mar. 10, 1983	1.79	53
1984	June 21, 1984	(f)	4
1985	Mar. 17, 1985	(f)	4
1986	June 8, 1986	3.23	92
1987	May 17, 1987	(f)	(b) 10
1988	Sept. 10, 1988	1.45	7
1989	May 12, 1989	2.39	35

06127570 Butts Coulee near Melstone, MT

Location.--Lat 46°38'49", long 107°49'15", in center of E1/2 sec.9, T.10 N., R.31 E., Musselshell County, Hydrologic Unit 10040202, at culvert on county road, 2.8 mi north of U.S. Highway 12, 4 mi northeast of Melstone.
Drainage area.--6.71 mi^2.
Records available.--1963 to current year. Prior to 1966, published as Musselshell River tributary No. 2 near Melstone.
Gage.--Crest-stage gage installed May 16, 1963. Altitude of gage is 2,810 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1963	(a)May 11, 1963	2.67	64
1964	Aug. 20, 1964	3.53	100
1965	June 15, 1965	3.90	114
1966	Mar. 8, 1966	1.21	20
1967	June 18, 1967	2.60	62
1968	June 9, 1968	8.44	310
1969	July 7, 1969	11.40	488
1970	June 14, 1970	5.82	170
1971	Feb. 13, 1971	3.43	95
1972	June 9, 1972	6.94	215
1973	Apr. 20, 1973	1.68	32
1974	May 20, 1974	1.21	20
1975	May 6, 1975	8.66	300
1976	June 22, 1976	6.00	180
1977	May 17, 1977	1.65	32
1978	Mar. 27, 1978	5.49	165
1979	Mar. 12, 1979	5.16	150
1980	May 30, 1980	(f)	(b)1
1981	May 11, 1981	3.10	80
1982	June 29, 1982	1.86	42
1983	May 12, 1983	1.93	43
1984	Aug. 4, 1984	1.12	20
1985	Mar. 17, 1985	(f)	1
1986	May 9, 1986	5.43	165
1987	May 27, 1987	5.63	170
1988	Sept. 10, 1988	1.33	25
1989	May 12, 1989	2.55	61

06127585 Little Wall Creek tributary near Grassrange, MT

Location.--Lat 46°45'32", long 108°36'12", in SE1/4 NW1/4 sec.32, T.12 N., R.25 E., Petroleum County, Hydrologic Unit 10040202, at culvert on U.S. Highway 87, 1.7 mi north of junction with State Highway 244, 20.5 mi southeast of Grassrange.
Drainage area.--3.95 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Aug. 7, 1974. Altitude of gage is 3,675 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	3.77	32
1975	June 20, 1975	4.21	35
1976	Apr. 17, 1976	1.58	2
1977	Feb. 21, 1977	1.65	4
1978	Mar. 29, 1978	2.23	15
1979	Apr. 6, 1979	3.70	30
1980	Apr. 11, 1980	1.41	1
1981	May 22, 1981	2.44	14
1982	May 9, 1982	2.03	7
1983	--	--	(d)
1984	Jan. 5, 1984	3.53	15
1985	Mar. 27, 1985	1.69	3
1986	Feb. 26, 1986	(c)5.42	(b)10
1987	--	--	(d)
1988	May 7, 1988	1.82	5
1989	May 12, 1989	1.50	2

06128500 South Fork Bear Creek tributary near Roy, MT

Location.--Lat 47°13'44", long 108°47'54", in SW1/4 sec.16, T.17 N., R.23 E., Fergus County, Hydrologic Unit 10040204, at culvert on State Highway 19, 8.7 road mi south of U.S. Highway 191, 1.7 mi north of South Fork Bear Creek, 10.5 mi southeast of Roy, 14 mi north of Grassrange.
Drainage area.--5.40 mi^2.
Records available.--1962 to current year.
Gage.--Crest-stage gage installed May 14, 1963. Altitude of gage is 3,300 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1962	(a) June 15, 1962	1.90	28
1963	June 25, 1963	.42	1
1964	July 5, 1964	2.88	63
1965	Apr. 1965	2.78	59
1966	July 3, 1966	2.65	53
1967	May 1967	1.33	15
1968	June 9, 1968	3.31	82
1969	Mar. 19, 1969	5.40	185
1970	May 2, 1970	3.00	68
1971	Feb. 13, 1971	4.66	148
1972	July 19, 1972	1.19	12
1973	Apr. 20, 1973	3.64	98
1974	July 7, 1974	4.15	122
1975	May 6, 1975	3.91	111
1976	June 22, 1976	1.37	16
1977	June 21, 1977	4.35	132
1978	Mar. 21, 1978	4.07	118
1979	Mar. 12, 1979	(c) 3.62	(b) 35
1980	June 6, 1980	1.25	1
1981	May 16, 1981	3.07	32
1982	Apr. 12, 1982	2.13	8
1983	--	--	(d)
1984	Apr. 27, 1984	1.27	11
1985	Aug. 3, 1985	3.28	81
1986	June 6, 1986	5.28	190
1987	May 27, 1987	2.57	51
1988	May 7, 1988	2.78	60
1989	Mar. 25, 1989	1.83	26

06129800 Gorman Coulee tributary near Cat Creek, MT

Location.--Lat 47°00'45", long 108°05'33", in SE1/4 SW1/4 sec.31, T.15 N., R.29 E., Petroleum County, Hydrologic Unit 10040204, at culvert on State Highway 20, 6 mi southwest of Cat Creek.
Drainage area.--0.81 mi^2.
Records available.--1955 to current year.
Gage.--Crest-stage gage installed May 27, 1955. Altitude of gage is 2,760 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1955	Aug. 23, 1955	3.02	159
1956	June 18, 1956	.96	32
1957	Aug. 30, 1957	1.24	44
1958	July 31, 1958	2.52	122
1959	Sept. 22, 1959	.28	10
1960	Mar. 18, 1960	.37	12
1961	Aug. 10, 1961	.50	15
1962	May 16, 1962	.55	17
1963	--	unknown	(b) 5
1964	Aug. 20, 1964	1.85	78
1965	July 10, 1965	2.74	133
1966	Mar. 9, 1966	(c) .52	(b) 5
1967	June 7, 1967	4.14	230
1968	June 9, 1968	.94	31
1969	July 6, 1969	5.12	315
1970	June 13, 1970	.60	20
1971	June 27, 1971	2.52	115
1972	June 9, 1972	5.80	380
1973	Sept. 1, 1973	.20	10
1974	Jan. 17, 1974	.34	15
1975	July 1, 1975	.48	18
1976	Feb. 18, 1976	(c) .47	(b) 10
1977	July 26, 1977	4.35	250
1978	Mar. 29, 1978	2.10	85
1979	Mar. 14, 1979	(c) 2.04	(b) 25
1980	June 13, 1980	3.53	180
1981	Feb. 17, 1981	-.13	3
1982	Feb. 16, 1982	1.04	32
1983	July 10, 1983	.07	6
1984	June 11, 1984	-.26	2
1985	Aug. 3, 1985	-.03	4
1986	Sept. 25, 1986	.31	11
1987	--	--	(d)
1988	Mar. 27, 1988	-.36	1
1989	Mar. 25, 1989	.28	10

06130610 Bair Coulee near Mosby, MT

Location.--Lat 47°03'15", long 107°36'43", in NE1/4 NE1/4 sec.23, T.15 N., R.32 E., Garfield County, Hydrologic Unit 10040205, at bridge on State Highway 200, 6.8 mi southwest of Sand Springs.
Drainage area.--1.79 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Aug. 13, 1974. Altitude of gage is 2,980 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	4.60	420
1975	July 31, 1975	1.62	19
1976	Mar. 18, 1976	1.67	20
1977	July 26, 1977	2.31	54
1978	July 3, 1978	3.90	260
1979	Mar. 24, 1979	1.55	16
1980	June 13, 1980	4.27	334
1981	Aug. 3, 1981	1.75	24
1982	Feb. 21, 1982	2.06	38
1983	July 10, 1983	1.44	14
1984	Jan. 5, 1984	1.69	5
1985	--	--	(d)
1986	Sept. 25, 1986	2.29	57
1987	--	--	(d)
1988	Sept. 10, 1988	.73	1
1989	Mar. 25, 1989	(c)1.95	(b)5

06130620 Blood Creek tributary near Valentine, MT

Location.--Lat 47°20'12", long 108°27'48", in SW1/4 NW1/4 sec.7, T.18 N., R.26 E., Fergus County, Hydrologic Unit 10040205, at culvert on county road, 3.0 mi northeast of Valentine, 16 mi east of State Highway 19, 23 mi east of Roy.
Drainage area.--1.97 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed July 25, 1974. Altitude of gage is 2,950 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	3.75	41
1975	June 20, 1975	7.15	533
1976	June 22, 1976	1.00	1
1977	July 6, 1977	4.17	58
1978	June 25, 1978	3.57	39
1979	Mar. 12, 1979	(c)4.36	(b)30
1980	--	--	(d)
1981	May 12, 1981	1.15	1
1982	Feb. 18, 1982	2.64	10
1983	Mar. 10, 1983	1.69	5
1984	Apr. 27, 1984	unknown	1
1985	Sept. 7, 1985	1.51	3
1986	Sept. 25, 1986	2.05	9
1987	--	--	(d)
1988	May 7, 1988	1.95	7
1989	Mar. 25, 1989	2.21	11

06130850 Second Creek tributary No. 2 near Jordan, MT

Location.--Lat 47°12'23", long 106°48'56", in NE1/4 sec.25, T.17 N., R.38 E., Garfield County, Hydrologic Unit 10040105, at culvert on State Highway 22, 9.5 mi southeast of Jordan.
Drainage area.--2.08 mi^2.
Records available.--1958 to current year.
Gage.--Crest-stage gage installed Mar. 18, 1958. Altitude of gage is 2,750 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1958	June 1958	0.86	23
1959	Mar. 17, 1959	1.70	58
1960	Mar. 18, 1960	1.98	75
1961	Sept. 11, 1961	-.37	(b)2
1962	Mar. 18, 1962	.51	15
1963	Feb. 26, 1963	.82	20
1964	June 18, 1964	8.40	760
1965	Mar. 31, 1965	1.65	55
1966	July 2, 1966	.40	13
1967	June 7, 1967	.73	20
1968	Feb. 26, 1968	.26	10
1969	Apr. 25, 1969	.32	11
1970	June 30, 1970	2.89	120
1971	Feb. 14, 1971	.19	8
1972	Aug. 14, 1972	5.06	270
1973	June 18, 1973	1.99	75
1974	Aug. 14, 1974	2.91	120
1975	May 6, 1975	1.47	55
1976	June 22, 1976	1.70	58
1977	May 18, 1977	4.85	250
1978	Mar. 22, 1978	2.32	30
1979	May 6, 1979	.63	12
1980	Mar. 22, 1980	.56	10
1981	May 27, 1981	.98	24
1982	--	--	(d)
1983	--	--	(d)
1984	--	--	(d)
1985	--	--	(d)
1986	Feb. 25, 1986	2.36	99
1987	--	--	(d)
1988	--	--	(d)
1989	Mar. 10, 1989	1.90	70

06130915 Russian Coulee near Jordan, MT

Location.--Lat 47°19'58", long 106°42'39", in NE1/4 SW1/4 sec.11, T.18 N., R.39 E., Garfield County, Hydrologic Unit 10040105, at bridge on State Highway 200, 9.4 mi east of Jordan.
Drainage area.--3.45 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Aug. 14, 1974. Altitude of gage is 2,530 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	3.85	135
1975	June 26, 1975	2.51	70
1976	June 22, 1976	4.57	175
1977	May 18, 1977	2.74	28
1978	July 3, 1978	4.34	75
1979	Apr. 8, 1979	2.71	25
1980	June 13, 1980	(f)	1
1981	Oct. 22, 1980	.42	6
1982	Feb. 21, 1982	2.55	37
1983	Feb. 27, 1983	2.47	34
1984	--	--	(d)
1985	--	--	(d)
1986	Feb. 25, 1986	5.83	200
1987	--	--	(d)
1988	Sept. 18, 1988	1.09	6
1989	Aug. 31, 1989	2.57	37

06130925 Thompson Creek tributary near Cohagen, MT

Location.--Lat 46°57'05", long 106°27'38", in NW1/4 SW1/4 sec.19, T.14 N., R.42 E., Garfield County, Hydrologic Unit 10040106, 100 ft downstream from bridge, 1.3 mi northeast of Thompson Creek, 10.5 mi southeast of Cohagen, 11 mi northeast of county line, 14.1 mi northeast of Rock Springs.
Drainage area.--1.23 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Aug. 15, 1974. Altitude of gage is 2,750 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	5.30	272
1975	May 6, 1975	2.20	27
1976	Aug. 9, 1976	6.21	510
1977	--	--	(d)
1978	Mar. 29, 1978	1.80	15
1979	Apr. 17, 1979	1.10	5
1980	June 27, 1980	1.95	20
1981	May 27, 1981	3.84	124
1982	Feb. 21, 1982	2.72	47
1983	July 10, 1983	1.98	20
1984	June 10, 1984	3.06	66
1985	--	--	(d)
1986	Feb. 25, 1986	3.73	112
1987	May 27, 1987	1.77	15
1988	Sept. 18, 1988	1.74	15
1989	Mar. 10, 1989	5.11	265

06130940 Spring Creek tributary near Van Norman, MT

Location.--Lat 47°14'58", long 106°18'21", in NW1/4 NE1/4 sec.12, T.17 N., R.42 E., Garfield County, Hydrologic Unit 10040106, at culvert on county road, 7.2 mi south of State Highway 200, 20.6 mi northeast of Cohagen.
Drainage area.--1.39 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Aug. 16, 1974. Altitude of gage is 2,440 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	14.96	238
1975	Apr. 11, 1975	2.42	56
1976	Mar. 11, 1976	3.80	42
1977	Sept. 6, 1977	.83	1
1978	July 3, 1978	2.70	17
1979	Apr. 8, 1979	(c)5.48	(b)50
1980	--	--	(d)
1981	--	--	(d)
1982	Feb. 17, 1982	3.51	7
1983	July 10, 1983	3.36	29
1984	Jan. 5, 1984	2.28	11
1985	Mar. 17, 1985	2.22	11
1986	Feb. 25, 1986	7.34	120
1987	--	--	(d)
1988	Sept. 18, 1988	2.42	13
1989	Mar. 10, 1989	3.75	38

06131100 Terry Coulee near Van Norman, MT
(formerly published as Timber Creek tributary near Van Norman, MT)

Location.--Lat 47°23'32", long 106°10'15", in SE1/4 NE1/4 sec.24, T.19 N., R.43 E., McCone County, Hydrologic Unit 10040104, at culvert on State Highway 24, 4.7 mi north of State Highway 200, 12 mi east of Van Norman.
Drainage area.--0.74 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed June 28, 1974. Altitude of gage is 2,425 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	4.28	112
1975	June 30, 1975	2.30	35
1976	Aug. 9, 1976	4.24	110
1977	Sept. 7, 1977	.81	4
1978	Mar. 24, 1978	2.48	40
1979	July 1, 1979	1.26	12
1980	June 13, 1980	2.27	31
1981	July 18, 1981	5.22	132
1982	Feb. 21, 1982	.90	6
1983	July 10, 1983	1.87	22
1984	June 6, 1984	2.40	35
1985	Aug. 30, 1985	1.30	12
1986	June 29, 1986	5.80	158
1987	Mar. 22, 1987	1.21	11
1988	--	--	(d)
1989	May 29, 1989	1.26	12

06131300 McGuire Creek tributary near Van Norman, MT

Location.--Lat 47°36'22", long 106°09'12", in NE1/4 SE1/4 sec.2, T.21 N., R.43 E., McCone County, Hydrologic Unit 10040104, at culvert on State Highway 24, 0.7 mi south of McGuire Creek, 19 mi north of State Highway 200, 20.5 mi northeast of Van Norman.
Drainage area.--0.79 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed June 14, 1974. Altitude of gage is 2,400 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	4.39	137
1975	June 30, 1975	3.29	80
1976	June 11, 1976	3.26	79
1977	Apr. 5, 1977	1.74	10
1978	July 4, 1978	6.13	218
1979	Apr. 17, 1979	2.15	30
1980	June 7, 1980	2.23	35
1981	Aug. 5, 1981	6.74	250
1982	Feb. 21, 1982	3.65	98
1983	July 10, 1983	2.71	57
1984	June 6, 1984	4.83	152
1985	Aug. 3, 1985	3.57	1
1986	Feb. 25, 1986	4.76	150
1987	Aug. 26, 1987	6.73	250
1988	Feb. 20, 1988	3.00	40
1989	Aug. 31, 1989	5.31	178

06132400 Dry Fork Milk River near Babb, MT

Location.--Lat 48°49'50", long 113°12'02", in SE1/4 sec.32, T.36 N., R.12 W., Glacier County, Hydrologic Unit 10050001, at bridge on State Highway 464, 11 mi east of Babb.
Drainage area.--17.9 mi^2.
Records available.--1961 to current year.
Gage.--Crest-stage gage installed Aug. 13, 1961. Altitude of gage is 4,750 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1962	Apr. 13, 1962	3.96	394
1963	July 5, 1963	2.41	70
1964	June 8, 1964	5.20	1,880
1965	Apr. 26, 1965	3.92	98
1966	June 4, 1966	4.32	450
1967	May 8, 1967	4.79	1,040
1968	May 22, 1968	3.45	125
1969	June 25, 1969	3.73	180
1970	June 13, 1970	3.85	210
1971	Apr. 15, 1971	2.99	62
1972	Mar. 16, 1972	(c)6.10	(b)1,000
1973	Apr. 12, 1973	unknown	(b)25
1974	Apr. 27, 1974	(c)4.37	72
1975	June 20, 1975	5.55	2,200
1976	Apr. 4, 1976	(c)6.15	(b)500
1977	Apr. 8, 1977	(c)3.42	(b)23
1978	Mar. 28, 1978	(c)4.56	(b)150
1979	Mar. 7, 1979	(c)5.34	(b)150
1980	May 26, 1980	1.80	217
1981	May 16, 1981	2.50	400
1982	Apr. 22, 1982	3.57	70
1983	Apr. 25, 1983	(f)	10
1984	May 1, 1984	(f)	1
1985	May 30, 1985	1.55	200
1986	Feb. 24, 1986	(c)7.45	2,640
1987	Apr. 4, 1987	2.03	290
1988	Apr. 7, 1988	(c)1.60	(b)30
1989	June 11, 1989	2.47	350

06134800 Van Cleeve Coulee tributary near Sunburst, MT

Location.--Lat 48°53'05", long 111°49'20", on north line of NE1/4 sec.14, T.36 N., R.2 W., Toole County, Hydrologic Unit 10030203, at culvert on county road, 3.7 road mi east of the interchange on Interstate Highway 15 at Sunburst.
Drainage area.--10.8 mi^2.
Records available.--1963 to current year.
Gage.--Crest-stage gage installed Apr. 17, 1963. Altitude of gage is 3,340 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1963	(a)	--	(d)
1964	May 3, 1964	2.08	35
1965	Apr. 7, 1965	4.00	239
1966	Mar. 9, 1966	1.55	15
1967	Mar. 22, 1967	(c)3.80	(b)110
1968	Feb. 28, 1968	1.15	10
1969	Mar. 17, 1969	(c)3.84	(b)110
1970	Mar. 20, 1970	2.26	46
1971	Feb. 14, 1971	1.26	11
1972	Mar. 16, 1972	(c)2.84	(b)30
1973	Apr. 12, 1973	1.07	10
1974	Apr. 28, 1974	1.44	13
1975	Apr. 21, 1975	3.41	92
1976	Mar. 18, 1976	2.36	58
1977	--	--	(d)
1978	Mar. 29, 1978	3.85	98
1979	May 6, 1979	3.47	82
1980	May 26, 1980	2.35	42
1981	May 15, 1981	unknown	(b)45
1982	Aug. 11, 1982	3.05	62
1983	--	--	(d)
1984	--	--	(d)
1985	May 30, 1985	1.00	10
1986	Feb. 24, 1986	2.46	136
1987	Apr. 5, 1987	1.37	24
1988	Feb. 29, 1988	.77	4
1989	Mar. 10, 1989	1.78	50

06136400 Spring Coulee tributary near Simpson, MT

Location.--Lat 48°56'36", long 110°12'51", in SW1/4 SW1/4 sec.24, T.37 N., R.12 E., Hill County, Hydrologic Unit 10050002, at culvert on State Highway 232, 1.3 mi northwest of Simpson, 0.7 mi north of mile post 39, 38 mi northwest of Havre.
Drainage area.--2.49 mi^2.
Records available.--1972, 1974 to current year.
Gage.--Crest-stage gage installed July 17, 1974. Altitude of gage is 2,775 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	4.12	35
1974	(a)May 13, 1974	2.00	9
1975	Apr. 19, 1975	1.35	3
1976	Mar. 17, 1976	1.97	9
1977	--	--	(d)
1978	Mar. 27, 1978	2.83	21
1979	Mar. 12, 1979	3.14	25
1980	--	--	(d)
1981	Mar. 15, 1981	1.82	7
1982	Apr. 12, 1982	1.20	2
1983	--	--	(d)
1984	--	--	(d)
1985	--	--	(d)
1986	Mar. 2, 1986	2.76	20
1987	--	--	(d)
1988	--	--	(d)
1989	Mar. 10, 1989	1.46	3

06137600 Sage Creek tributary No. 2 near Joplin, MT

Location.--Lat 48°54'38", long 110°46'20", in NE1/4 NE1/4 sec.2, T.36 N., R.7 E., Liberty County, Hydrologic Unit 10050006, at culvert on Secondary Highway 224, 0.7 mi north of Sage Creek, 5.9 mi north of end of pavement, 25.2 mi north of Joplin.
Drainage area.--2.21 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed July 18, 1974. Altitude of gage is 3,135 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)May 13, 1974	2.47	15
1975	June 19, 1975	3.52	67
1976	Mar. 17, 1976	2.44	20
1977	--	--	(d)
1978	Mar. 27, 1978	3.10	56
1979	Mar. 7, 1979	1.54	4.7
1980	May 25, 1980	1.60	5
1981	Feb. 19, 1981	1.00	1
1982	Mar. 15, 1982	1.42	5
1983	--	--	(d)
1984	--	--	(d)
1985	May 30, 1985	1.15	10
1986	Feb. 24, 1986	2.85	42
1987	--	--	(d)
1988	--	--	(d)
1989	Mar. 10, 1989	1.33	2

06138700 South Fork Spring Coulee near Havre, MT

Location.--Lat 48°24'33", long 109°49'44", in NE1/4 sec.31, T.31 N., R.15 E., Hill County, Hydrologic Unit 10050005, at culvert on county road, 12 mi southwest of Havre.
Drainage area.--6.47 mi^2.
Records available.--1959 to current year.
Gage.--Crest-stage gage installed May 26, 1959. Altitude of gage is 2,770 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1960	Mar. 17, 1960	2.04	33
1961	May 31, 1961	.04	2
1962	Mar. 18, 1962	1.68	25
1963	June 22, 1963	2.06	34
1964	May 3, 1964	.10	2
1965	Apr. 1965	2.47	44
1966	Mar. 9, 1966	4.42	190
1967	Feb. 27, 1967	3.15	59
1968	Feb. 29, 1968	(f)	.1
1969	Mar. 26, 1969	3.47	75
1970	Mar. 7, 1970	1.96	31
1971	Feb. 12, 1971	2.38	50
1972	Mar. 13, 1972	(c)1.73	(b)5
1973	Apr. 24, 1973	.50	5
1974	Jan. 17, 1974	3.24	60
1975	Apr. 21, 1975	1.94	30
1976	Mar. 17, 1976	.61	7
1977	Apr. 5, 1977	(c).81	1
1978	July 4, 1978	3.02	53
1979	Mar. 6, 1979	3.67	70
1980	June 27, 1980	.37	4
1981	Feb. 14, 1981	(f)	(b)1
1982	Feb. 20, 1982	4.70	145
1983	July 10, 1983	.70	9
1984	--	--	(d)
1985	Sept. 7, 1985	.40	5
1986	Feb. 24, 1986	3.67	100
1987	Jan. 10, 1987	1.39	21
1988	July 5, 1988	.21	2
1989	Mar. 10, 1989	3.29	68

06153400 Fifteenmile Creek tributary near Zurich, MT

Location.--Lat 48°38'36", long 109°02'50", in SE1/4 SE1/4 sec.1, T.33 N., R.21 E., Blaine County, Hydrologic Unit 10050004, at culvert on county road, 4.3 mi north of U.S. Highway 2, 4.3 mi north of Zurich.
Drainage area.--1.40 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed July 16, 1974. Altitude of gage is 2,590 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	3.60	41
1975	July 31, 1975	3.26	35
1976	Mar. 18, 1976	1.21	1
1977	--	--	(d)
1978	Mar. 29, 1978	4.91	70
1979	Mar. 12, 1979	3.47	34
1980	--	--	(d)
1981	Feb. 17, 1981	1.20	3
1982	May 29, 1982	2.59	23
1983	July 10, 1983	5.29	64
1984	--	--	(d)
1985	Feb. 27, 1985	1.90	7
1986	Sept. 25, 1986	18.36	1,250
1987	--	--	(d)
1988	Sept. 18, 1988	3.98	49
1989	Mar. 27, 1989	2.25	16

06154350 Peoples Creek tributary near Lloyd, MT

Location.--Lat 48°11'33", long 109°18'25", in SW1/4 SE1/4 sec.8, T.28 N., R.19 E., Blaine County, Hydrologic Unit 10050009, at culvert on county road, 1.6 mi south of Peoples Creek, 8.0 mi south of Lloyd, 9.0 mi southwest of Cleveland.
Drainage area.--2.51 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed July 17, 1974. Altitude of gage is 4,140 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a) June 14, 1974	4.54	11
1975	May 6, 1975	4.96	15
1976	June 11, 1976	4.26	9
1977	--	--	(d)
1978	Apr. 15, 1978	4.42	10
1979	--	--	(d)
1980	Mar. 15, 1980	4.08	5
1981	May 8, 1981	(f)	2
1982	Apr. 13, 1982	6.35	34
1983	Feb. 14, 1983	4.23	6
1984	Mar. 14, 1984	4.88	12
1985	Mar. 28, 1985	4.36	7
1986	Feb. 25, 1986	6.20	32
1987	May 21, 1987	3.22	1
1988	--	--	(d)
1989	Mar. 27, 1989	7.57	59

06154410 Little Peoples Creek near Hays, MT

Location.--Lat 47°57'59", long 108°39'37", in SE1/4 NW1/4 sec.32, T.26 N., R.24 E., Blaine County, Hydrologic Unit 10050009, on right bank 0.5 mi upstream from entrance to Mission Canyon, 2 mi southeast of Hays.
Drainage area.--13.0 mi^2.
Records available.--1972 to current year.
Gage.--Water-stage recorder and crest-stage gage installed August 1972. Altitude of gage is 3,769.72 ft from levels of 1987. August 1972 to April 22, 1987, gage at former site 330 ft downstream. July 15, 1976, to April 22, 1987, gage at datum 10.00 ft higher.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	June 19, 1973	2.68	67
1974	May 25, 1974	4.57	576
1975	June 19, 1975	3.14	288
1976	July 7, 1976	.36	7
1977	May 17, 1977	10.39	14
1978	May 24, 1978	11.77	119
1979	May 6, 1979	11.76	66
1980	May 6, 1980	10.37	(g)4
1981	May 17, 1981	11.48	35
1982	June 3, 1982	11.56	59
1983	May 21, 1983	11.03	31
1984	Apr. 20, 1984	unknown	(g)5
1985	Aug. 17, 1985	unknown	(g)13
1986	May 23, 1986	12.94	116
1987	May 28, 1987	1.17	20
1988	May 7, 1988	1.89	103
1989	May 13, 1989	2.18	126

06155300 Disjardin Coulee near Malta, MT

Location.--Lat 48°16'33", long 107°57'49", in SE1/4 NW1/4 sec.16, T.29 N., R.29 E., Phillips County, Hydrologic Unit 10050004, at bridge on U.S. Highway 191, 8 mi southwest of Malta.
Drainage area.--4.84 mi^2.
Records available.--1955 to current year.
Gage.--Crest-stage gage installed July 26, 1955. Altitude of gage is 2,290 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1956	Aug. 5, 1956	3.22	160
1957	Mar. 19, 1957	1.02	22
1958	--	--	(d)
1959	Mar. 18, 1959	1.62	132
1960	Mar. 18, 1960	.61	32
1961	May 30, 1961	.44	20
1962	July 18, 1962	2.23	(b)200
1963	Feb. 5, 1963	(c)3.25	(b)100
1964	Aug. 20, 1964	.38	7
1965	Apr. 12, 1965	5.15	(b)360
1966	Mar. 1966	1.37	34
1967	Mar. 22, 1967	1.89	90
1968	Feb. 28, 1968	.47	15
1969	Mar. 1969	.81	30
1970	June 14, 1970	.41	13
1971	Mar. 31, 1971	.55	17
1972	July 25, 1972	.66	22
1973	--	--	(d)
1974	Aug. 20, 1974	.30	10
1975	Aug. 20, 1975	2.04	67
1976	Mar. 19, 1976	1.14	27
1977	Aug. 22, 1977	.74	13
1978	July 4, 1978	.75	27
1979	Mar. 13, 1979	unknown	(g)10
1980	Mar. 15, 1980	.85	15
1981	Sept. 12, 1981	.77	27
1982	Feb. 21, 1982	1.10	42
1983	Feb. 19, 1983	1.20	27
1984	--	--	(d)
1985	Feb. 2, 1985	1.02	21
1986	June 29, 1986	3.88	220
1987	Mar. 21, 1987	.93	18
1988	June 14, 1988	.78	13
1989	Aug. 25, 1989	1.53	42

06155600 Murphy Coulee tributary near Hogeland, MT
(formerly published as Murray Coulee tributary near Hogeland, MT)

Location.--Lat 48°47'19", long 108°44'50", in SW1/4 SE1/4 sec.17, T.35 N., R.23 E., Blaine County, Hydrologic Unit 10050010, at culverts on county road, 6.5 mi southwest of Hogeland, 13.6 mi north of Secondary Highway 241, 18.4 mi northeast of Harlem.
Drainage area.--1.77 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed July 16, 1974. Altitude of gage is 3,250 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	6.28	403
1975	June 19, 1975	5.82	345
1976	Mar. 18, 1976	3.95	153
1977	June 12, 1977	2.75	73
1978	Mar. 29, 1978	3.28	86
1979	Mar. 16, 1979	(c)2.44	(b)35
1980	Mar. 20, 1980	1.11	7
1981	Feb. 17, 1981	1.49	14
1982	May 28, 1982	1.95	26
1983	July 10, 1983	1.67	17
1984	--	--	(d)
1985	Aug. 02, 1985	1.87	23
1986	Feb. 25, 1986	5.85	350
1987	May 16, 1987	1.01	5
1988	July 6, 1988	1.22	8
1989	Mar. 31, 1989	2.40	42

06156100 Lush Coulee near Whitewater, MT

Location.--Lat 48°41'10", long 107°41'25", in SE1/4 SE1/4 sec.20, T.34 N., R.31 E., Phillips County, Hydrologic Unit 10050011, 3 mi north of Secondary Highway 242, 6 mi southwest of Whitewater.
Drainage area.--8.58 mi^2.
Records available.--1972, 1974 to current year.
Gage.--Crest-stage gage installed June 15, 1974. Altitude of gage is 2,455 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	4.69	178
1974	(a)	2.82	83
1975	Apr. 20, 1975	3.00	91
1976	June 21, 1976	1.64	39
1977	June 10, 1977	1.32	28
1978	Mar. 26, 1978	2.23	59
1979	July 5, 1979	1.06	19
1980	Mar. 27, 1980	.90	15
1981	Feb. 17, 1981	.66	10
1982	Mar. 10, 1982	4.01	80
1983	May 9, 1983	.68	10
1984	Mar. 18, 1984	1.01	18
1985	Mar. 17, 1985	.83	13
1986	Feb. 25, 1986	12.36	335
1987	--	--	(d)
1988	May 7, 1988	1.23	4
1989	Mar. 27, 1989	(c)1.39	(b)14

06164600 Beaver Creek tributary near Zortman, MT

Location.--Lat 47°55'38", long 108°21'07", in NE1/4 NE1/4 sec.15, T.25 N., R.26 E., Phillips County, Hydrologic Unit 10050014, at bridge on U.S. Highway 191, 0.3 mi northeast of turnoff to Zortman, 8 mi east of Zortman.
Drainage area.--3.89 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed June 17, 1974. Altitude of gage is 3,010 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	2.84	230
1975	June 19, 1975	2.71	190
1976	July 9, 1976	2.13	78
1977	May 18, 1977	1.50	18
1978	May 18, 1978	2.94	255
1979	May 6, 1979	2.00	60
1980	Mar. 26, 1980	1.55	20
1981	Sept. 12, 1981	2.98	270
1982	Mar. 28, 1982	1.99	58
1983	July 10, 1983	1.83	43
1984	Mar. 18, 1984	1.31	9
1985	Feb. 25, 1985	2.70	188
1986	Sept. 25, 1986	3.05	280
1987	May 27, 1987	1.40	12
1988	May 7, 1988	1.54	20
1989	Apr. 27, 1989	1.63	26

06165200 Guston Coulee near Malta, MT
(formerly published as Beaver Creek tributary No. 2 near Malta, MT)

Location.--Lat 48°14'31", long 107°32'53", in SW1/4 NE1/4 sec.27, T.29 N., R.32 E., Phillips County, Hydrologic Unit 10050014, at culvert on county road, 17 mi southeast of Malta, 18 mi southwest of Saco, 11 mi south of Bowdoin.
Drainage area.--2.06 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Sept. 5, 1974. Altitude of gage is 2,275 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	2.70	35
1975	Apr. 8, 1975	1.40	3
1976	Mar. 15, 1976	1.72	8
1977	Feb. 16, 1977	(c)1.70	(b)6
1978	July 3, 1978	1.28	2
1979	May 6, 1979	1.96	13
1980	--	--	(d)
1981	Feb. 17, 1981	1.20	1
1982	May 28, 1982	1.41	3
1983	Feb. 26, 1983	1.21	2
1984	--	--	(d)
1985	--	--	(d)
1986	May 22, 1986	2.91	43
1987	--	--	(d)
1988	--	--	(d)
1989	Mar. 10, 1989	3.02	48

06172300 Unger Creek near Vandalia, MT

Location.--Lat 48°22'11", long 106°47'37", in SW1/4 sec.9, T.30 N., R.38 E., Valley County, Hydrologic Unit 10050012, at bridge on U.S. Highway 2, 4.5 mi northeast of Vandalia.
Drainage area.--11.1 mi^2.
Records available.--1958 to current year.
Gage.--Crest-stage gage installed Apr. 15, 1958. Altitude of gage is 2,220 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1958	(a)Mar. 1958	0.92	10
1959	Apr. 1, 1959	1.41	32
1960	Mar. 20, 1960	2.32	225
1961	June 13, 1961	1.02	13
1962	July 14, 1962	3.28	575
1963	June 29, 1963	2.23	46
1964	July 19, 1964	1.20	12
1965	May 6, 1965	2.63	330
1966	Mar. 1966	1.15	10
1967	Mar. 27, 1967	(c)2.75	(b)100
1968	Feb. 28, 1968	(c)2.24	(b)30
1969	Apr. 26, 1969	1.30	17
1970	June 30, 1970	2.75	370
1971	May 30, 1971	2.23	195
1972	June 9, 1972	6.31	4,460
1973	--	--	(d)
1974	May 20, 1974	2.84	250
1975	May 7, 1975	3.08	320
1976	July 2, 1976	3.08	320
1977	Aug. 31, 1977	2.53	180
1978	Mar. 28, 1978	(c)2.94	(b)140
1979	July 5, 1979	5.92	3,450
1980	--	--	(d)
1981	Feb. 16, 1981	(f)	(b)1
1982	Mar. 27, 1982	2.47	150
1983	July 10, 1983	1.56	49
1984	--	--	(d)
1985	--	--	(d)
1986	Feb. 25, 1986	2.58	170
1987	Apr. 1, 1987	(c)1.00	(b)10
1988	--	--	(d)
1989	Mar. 28, 1989	.26	20

06173300 Willow Creek tributary near Fort Peck, MT

Location.--Lat 47°53'36", long 106°53'22", in SE1/4 NE1/4 sec.25, T.25 N., R.37 E., Valley County, Hydrologic Unit 10050012, at culvert on county road, 6.8 mi west of the Pines Recreation area turnoff, 19.8 mi southwest of State Highway 24, 21.5 mi southwest of Fort Peck.
Drainage area.--0.86 mi^2.
Records available.--1972, 1974 to current year.
Gage.--Crest-stage gage installed June 14, 1974. Altitude of gage is 2,275 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	9.38	940
1974	June 21, 1974	4.40	63
1975	May 6, 1975	8.55	185
1976	July 1, 1976	8.25	120
1977	Feb. 21, 1977	1.25	4
1978	May 19, 1978	4.56	63
1979	Apr. 16, 1979	.54	20
1980	--	--	(d)
1981	July 15, 1981	4.17	69
1982	May 28, 1982	5.04	80
1983	Feb. 17, 1983	1.03	22
1984	June 11, 1984	unknown	5
1985	Feb. 20, 1985	.51	11
1986	Sept. 24, 1986	8.65	220
1987	July 29, 1987	5.12	80
1988	July 4, 1988	6.92	90
1989	May 13, 1989	3.21	51

06174300 Milk River tributary No. 3 near Glasgow, MT

Location.--Lat 48°12'17", long 106°33'05", in SW1/4 SW1/4 sec.3, T.28 N., R.40 E., Valley County, Hydrologic Unit 10050012, at upstream end of culvert on county road, 1.4 mi east of State Highway 24, 4 mi northeast of Glasgow.
Drainage area.--1.82 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed June 13, 1974. Altitude of gage is 2,255 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a) May 20, 1974	7.05	128
1975	July 1, 1975	7.61	251
1976	July 1, 1976	2.51	43
1977	--	--	(d)
1978	Mar. 25, 1978	(c) 4.73	(b) 83
1979	Apr. 9, 1979	5.74	118
1980	Mar. 20, 1980	1.08	1
1981	--	--	(d)
1982	Mar. 27, 1982	3.42	46
1983	Feb. 15, 1983	1.55	5
1984	--	--	(d)
1985	Aug. 3, 1985	7.49	210
1986	Mar. 8, 1986	3.28	50
1987	July 29, 1987	2.63	29
1988	--	--	(d)
1989	Mar. 25, 1989	2.64	29

06174600 Snow Coulee at Opheim, MT

Location.--Lat 48°50'27", long 106°24'47", in SE1/4 SE1/4 sec.25, T.36 N., R.40 E., Valley County, Hydrologic Unit 10050016, at culvert 1 mi south of Opheim on State Highway 24.
Drainage area.--3.11 mi^2.
Records available.--1972, 1974 to current year.
Gage.--Crest-stage gage installed June 13, 1974. Altitude of gage is 3,200 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	4.56	245
1974	(a)May 18, 1974	1.31	30
1975	May 7, 1975	2.01	53
1976	July 1, 1976	2.74	87
1977	--	--	(d)
1978	Mar. 29, 1978	(c)5.11	(b)170
1979	Apr. 18, 1979	1.35	4
1980	Apr. 6, 1980	1.70	7
1981	Mar. 16, 1981	1.22	3
1982	Apr. 13, 1982	3.48	145
1983	May 12, 1983	1.30	29
1984	Mar. 20, 1984	2.40	30
1985	Mar. 25, 1985	4.97	20
1986	Mar. 5, 1986	(c)4.79	(b)65
1987	Mar. 5, 1987	1.86	47
1988	--	--	(d)
1989	Mar. 31, 1989	(c)1.18	(b)12

06175700 East Fork Wolf Creek near Lustre, MT

Location.--Lat 48°24'58", long 105°47'51", in SE1/4 sec.30, T.31, N., R.46 E., Valley County, Hydrologic Unit 10060001, at culverts on county road, 4 mi east of Lustre.
Drainage area.--9.61 mi^2.
Records available.--1955 to current year.
Gage.--Crest-stage gage installed June 9, 1955. Altitude of gage is 2,720 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1956	June 1956	2.27	12
1957	Mar. 1957	(c)3.28	(b)5
1958	Apr. 1958	(c).58	(b)1
1959	June 21, 1959	.42	2
1960	Mar. 19, 1960	(c)5.20	(b)150
1961	Mar. 5, 1961	(c)3.44	(b)130
1962	June 14, 1962	3.26	74
1963	Mar. 6, 1963	unknown	(b)40
1964	Apr. 1, 1964	(c)1.74	(b)50
1965	June 16, 1965	2.92	60
1966	Mar. 1966	(c)4.79	(b)90
1967	Mar. 1967	2.61	55
1968	Aug. 15, 1968	3.58	75
1969	Apr. 26, 1969	unknown	(b)280
1970	June 30, 1970	6.42	2,230
1971	Apr. 9, 1971	5.33	150
1972	Mar. 15, 1972	5.03	184
1973	--	--	(d)
1974	May 20, 1974	4.61	150
1975	July 1, 1975	2.89	53
1976	Mar. 19, 1976	5.67	744
1977	--	--	(d)
1978	Mar. 26, 1978	(c)5.72	(b)80
1979	Apr. 15, 1979	5.12	(b)210
1980	--	--	(d)
1981	Mar. 29, 1981	1.72	1
1982	Mar. 28, 1982	unknown	120
1983	Feb. 12, 1983	3.22	41
1984	Jan. 5, 1984	2.44	18
1985	Feb. 19, 1985	3.92	10
1986	Feb. 28, 1986	5.12	209
1987	July 29, 1987	5.35	224
1988	--	--	(d)
1989	Mar. 25, 1989	5.36	128

06175900 Wolf Creek tributary No. 2 near Wolf Point, MT

Location.--Lat 48°12'05", long 105°44'45", in NW1/4 NW1/4 NE1/4 sec. 14, T.28 N., R.46 E., Roosevelt County, Hydrologic Unit 10060001, at bridge on county road, 9.5 mi northwest of Wolf Point.
Drainage area.--6.10 mi^2.
Records available.--1955 to September 1984 (discontinued).
Gage.--Crest-stage gage installed June 24, 1955. Altitude of gage is 2,240 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1955	July 1955	1.50	15
1956	Apr. 1956	1.92	26
1957	July 14, 1957	2.03	28
1958	Mar. 24, 1958	1.62	1
1959	June 20, 1959	3.81	979
1960	Mar. 18, 1960	3.24	140
1961	May 21, 1961	3.00	110
1962	July 1, 1962	4.78	365
1963	July 10, 1963	4.18	265
1964	May 5, 1964	1.56	1
1965	June 16, 1965	2.66	80
1966	July 2, 1966	3.23	135
1967	Mar. 1967	(c)5.40	(b)300
1968	July 16, 1968	7.81	3,900
1969	Apr. 7, 1969	3.18	130
1970	July 28, 1970	3.63	185
1971	Apr. 9, 1971	3.37	155
1972	Mar. 15, 1972	5.47	380
1973	June 18, 1973	3.08	100
1974	May 20, 1974	5.25	330
1975	July 1, 1975	5.35	350
1976	Mar. 19, 1976	4.45	50
1977	Sept. 8, 1977	3.72	20
1978	Mar. 27, 1978	4.55	5
1979	Apr. 18, 1979	4.45	5
1980	Apr. 30, 1980	3.71	(b)5
1981	July 14, 1981	4.50	180
1982	Mar. 27, 1982	5.32	340
1983	July 10, 1983	4.17	64
1984	June 6, 1984	3.69	1

06176500 Wolf Creek near Wolf Point, MT

Location.--Lat 48°05'47", long 105°40"41", in N1/2 sec.17, T.27 N., R.47 E., Roosevelt County, Hydrologic Unit 10060001, 2.0 mi northwest of Wolf Point.
Drainage area.--251 mi^2.
Records available.--August 1908 to July 1914 and March 1950 to September 1953 (continuous record), 1954, May 1955 to September 1973, March 1982 to current year.
Gage.--Water-stage recorder reinstalled May 6, 1955. Altitude of gage is 2,010 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1909	--	--	unknown
1910	Mar. 13-15, 1910	3.9	110
1911	Mar. 19-23, 1911	4.45	154
1912	Apr. 1, 1912	5.9	270
1913	--	--	unknown
1914	--	--	unknown
1950	Apr. 18, 1950	5.30	188
1951	Apr. 5, 1951	6.06	324
1952	Apr. 7, 1952	9.25	7,050
1953	June 3, 1953	7.29	1,010
1954	Apr. 4 or 5, 1954	12.9	9,780
1956	Mar. 23, 1956	unknown	60
1957	July 14, 1957	5.29	180
1958	Apr. 1, 1958	3.30	6
1959	June 21, 1959	6.74	330
1960	Mar. 20, 1960	9.71	7,500
1961	May 22, 1961	5.97	120
1962	June 15, 1962	7.95	1,440
1963	July 11, 1963	5.60	140
1964	May 5, 1964	5.07	52
1965	July 8, 1965	6.32	480
1966	July 2, 1966	6.92	950
1967	Mar. 29, 1967	8.13	1,700
1968	July 16, 1968	6.85	420
1969	Apr. 7, 1969	7.30	1,000
1970	June 13, 1970	7.82	1,400
1971	--	--	unknown
1972	Mar. 15, 1972	9.51	6,450
1973	June 18, 1973	4.09	10
1982	Mar. 28, 1982	7.95	1,510
1983	July 18, 1983	4.64	39
1984	June 21, 1984	5.58	114
1985	May 31, 1985	4.12	13
1986	Feb. 27, 1986	unknown	800
1987	July 30, 1987	10.12	3,640
1988	Mar. 19, 1988	3.87	9
1989	Apr. 27, 1989	4.04	12

06176950 Missouri River tributary No. 6 near Wolf Point, MT

Location.--Lat 48°03'23", long 105°33'22", in NW1/4 NW1/4 sec.32, T.27 N., R.48 E., McCone County, Hydrologic Unit 10060001, on left bank at upstream end of culvert on county road, 1.2 mi west of State Highway 13, 5 mi southwest of Wolf Point.
Drainage area.--0.53 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed June 11, 1974. Altitude of gage is 1,995 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	4.90	28
1974	(a)	3.90	16
1975	Apr. 26, 1975	3.51	11
1976	Mar. 19, 1976	5.51	34
1977	--	--	(d)
1978	May 7, 1978	4.02	16
1979	Apr. 17, 1979	3.64	3
1980	--	--	(d)
1981	July 14, 1981	unknown	(b) 2
1982	May 29, 1982	3.61	12
1983	July 10, 1983	11.65	74
1984	June 21, 1984	4.79	27
1985	Feb. 19, 1985	3.96	17
1986	Feb. 25, 1986	4.45	23
1987	July 30, 1987	8.68	30
1988	--	--	(d)
1989	Mar. 10, 1989	4.93	28

06177020 Tule Creek tributary near Wolf Point, MT

Location.--Lat 48°14'40", long 105°29'31", in SE1/4 SE1/4 sec.21, T.29 N., R.48 E., Roosevelt County, Hydrologic Unit 10060001, on right bank at upstream end of culvert, on county road 0.2 mi east of State Highway 13, 8.6 mi north of U.S. Highway 2, 12.5 mi northeast of Wolf Point.
Drainage area.--0.74 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed June 11, 1974. Altitude of gage is 2,320 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	6.80	77
1975	June 30, 1975	8.70	118
1976	June 7, 1976	1.58	22
1977	--	--	(d)
1978	Mar. 23, 1978	1.67	23
1979	Apr. 10, 1979	1.99	28
1980	--	--	(d)
1981	July 14, 1981	5.38	64
1982	Apr. 14, 1982	4.75	58
1983	July 18, 1983	3.93	49
1984	--	--	(d)
1985	Aug. 30, 1985	2.20	30
1986	Feb. 28, 1986	(c) 5.80	(b) 59
1987	July 29, 1987	8.58	108
1988	July 4, 1988	2.96	39
1989	Mar. 25, 1989	2.98	39

06177050 East Fork Duck Creek near Brockway, MT

Location.--Lat 47°11'14", long 105°47'09", in sec.31, T.17 N., R.47 E., McCone County, Hydrologic Unit 10060002, at bridge on county road, 8 mi south of Brockway.
Drainage area.--12.4 mi^2.
Records available.--1955 to current year.
Gage.--Crest-stage gage installed June 13, 1955. Altitude of gage is 2,660 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1955	July 12, 1955	1.46	106
1956	Mar. 2, 1956	1.08	60
1957	July 14, 1957	3.64	505
1958	July 21, 1958	.19	8
1959	Mar. 18, 1959	2.47	273
1960	Aug. 16, 1960	1.65	140
1961	May 31, 1961	1.62	134
1962	July 14, 1962	1.97	190
1963	June 6, 1963	4.30	650
1964	July 5, 1964	1.31	93
1965	June 16, 1965	2.33	250
1966	July 1, 1966	2.19	224
1967	Mar. 1967	(c).85	(b)30
1968	Feb. 27, 1968	(c).95	(b)10
1969	Mar. 17, 1969	(c)2.50	(b)120
1970	June 12, 1970	.40	12
1971	Mar. 30, 1971	1.59	130
1972	Mar. 12, 1972	2.49	280
1973	--	--	(d)
1974	June 21, 1974	.84	40
1975	Apr. 3, 1975	.94	50
1976	Mar. 18, 1976	1.09	65
1977	Aug. 31, 1977	.34	12
1978	Mar. 25, 1978	3.49	475
1979	Apr. 9, 1979	3.02	400
1980	June 13, 1980	1.73	155
1981	--	--	(d)
1982	Feb. 21, 1982	1.91	180
1983	Feb. 18, 1983	1.18	78
1984	June 21, 1984	1.81	161
1985	July 8, 1985	1.06	66
1986	July 5, 1986	2.46	275
1987	Mar. 22, 1987	1.59	130
1988	--	--	(d)
1989	Aug. 31, 1989	3.58	54

06177700 Cow Creek tributary near Vida, MT

Location.--Lat 47°42'34", long 105°29'24", in SE1/4 sec.36, T.23 N., R.48 E., McCone County, Hydrologic Unit 10060002, at bridge on State Highway 13, 8.8 mi south of Vida, 20 mi northeast of Circle.
Drainage area.--1.71 mi^2.
Records available.--1963 to current year.
Gage.--Crest-stage gage installed May 18, 1963. Altitude of gage is 2,390 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1963	June 5, 1963	4.07	750
1964	--	--	(d)
1965	June 15, 1965	.90	20
1966	July 2, 1966	2.30	200
1967	Mar. 1967	1.25	50
1968	Feb. 26, 1968	.85	17
1969	Mar. 21, 1969	1.71	100
1970	Apr. 7, 1970	1.41	62
1971	Mar. 31, 1971	1.30	53
1972	Mar. 13, 1972	(c)3.10	300
1973	--	--	(d)
1974	May 20, 1974	.93	23
1975	May 6, 1975	2.42	225
1976	July 2, 1976	3.74	620
1977	--	--	(d)
1978	July 3, 1978	2.77	310
1979	Apr. 18, 1979	2.43	180
1980	--	--	(d)
1981	Aug. 1, 1981	2.86	280
1982	Mar. 11, 1982	3.38	50
1983	Feb. 13, 1983	2.27	142
1984	June 21, 1984	2.99	269
1985	Feb. 16, 1985	1.78	21
1986	Feb. 26, 1986	4.37	950
1987	July 30, 1987	2.46	120
1988	Feb. 20, 1988	1.99	41
1989	Mar. 10, 1989	(c)4.66	(b)138

06177720 West Fork Sullivan Creek near Richey, MT

Location.--Lat 47°31'47", long 105°13'43", in NW1/4 NW1/4 sec.4, T.20 N., R.51 E., Dawson County, Hydrologic Unit 10060002, at culvert on county road, 2.5 mi south of State Highway 200, 11 mi southwest of Richey, 19 mi northeast of Circle.
Drainage area.--13.8 mi^2.
Records available.--1972, 1974 to current year.
Gage.--Crest-stage gage installed June 28, 1974. Altitude of gage is 2,520 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	5.45	103
1974	--	--	(d)
1975	May 7, 1975	3.52	49
1976	July 2, 1976	5.52	104
1977	July 10, 1977	2.27	11
1978	Mar. 22, 1978	4.75	10
1979	Apr. 18, 1979	3.50	48
1980	--	--	(d)
1981	Aug. 5, 1981	2.25	11
1982	Feb. 21, 1982	5.97	113
1983	Feb. 19, 1983	3.44	45
1984	Mar. 19, 1984	2.62	23
1985	--	--	(d)
1986	June 29, 1986	7.75	313
1987	May 3, 1987	2.05	6
1988	Sept. 18, 1988	2.03	6
1989	Mar. 10, 1989	7.17	136

06177800 Gady Coulee near Vida, MT
(formerly published as Wolf Creek tributary near Vida, MT)

Location.--Lat 47°54'49", long 105°29'53", in SE1/4 sec.15, T.25 N., R.48 E., McCone County, Hydrologic Unit 10060002, at bridge on State Highway 13, 11.1 road mi south of the Missouri River bridge near Wolf Point, 5.5 mi north of Vida.
Drainage area.--0.91 mi^2.
Records available.--1962 to current year.
Gage.--Crest-stage gage installed May 18, 1963. Altitude of gage is 2,400 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1962	(a)July 14, 1962	8.58	(b)1,500
1963	Aug. 25, 1963	1.83	(b)70
1964	--	--	(d)
1965	Apr. 13, 1965	3.00	(b)150
1966	July 4, 1966	5.45	850
1967	Mar. 22, 1967	(c)1.33	21
1968	Feb. 26, 1968	.20	1
1969	Apr. 7, 1969	1.42	40
1970	June 12, 1970	5.50	870
1971	Mar. 31, 1971	.46	7
1972	Mar. 13, 1972	1.86	38
1973	--	--	(d)
1974	Aug. 8, 1974	1.96	80
1975	July 1, 1975	2.86	165
1976	July 2, 1976	2.59	96
1977	--	--	(d)
1978	July 3, 1978	1.99	50
1979	Apr. 8, 1979	(c)3.09	(b)80
1980	--	--	(d)
1981	Aug. 5, 1981	2.51	97
1982	Apr. 18, 1982	2.01	120
1983	July 10, 1983	7.12	1,040
1984	June 21, 1984	2.99	300
1985	--	--	(d)
1986	Feb. 25, 1986	1.99	120
1987	July 30, 1987	1.03	5
1988	--	--	(d)
1989	Mar. 10, 1989	3.01	300

06177820 Horse Creek tributary near Richey, MT
(formerly published as North Fork Creek tributary near Richey, MT)

Location.--Lat 47°52'28", long 104°56'10", in SE1/4 NE1/4 sec.36, T.25 N., R.52 E., Richland County, Hydrologic Unit 10060002, at culvert on county road, 15.3 mi north of State Highway 200, 14.5 mi northwest of Enid.
Drainage area.--0.74 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Aug. 17, 1974. Altitude of gage is 2,350 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	3.35	42
1975	May 6, 1975	2.33	19
1976	Mar. 18, 1976	3.71	54
1977	--	--	(d)
1978	Mar. 24, 1978	5.23	105
1979	Apr. 17, 1979	3.73	52
1980	Mar. 15, 1980	2.45	21
1981	Mar. 4, 1981	2.43	21
1982	Feb. 21, 1982	3.51	46
1983	Feb. 19, 1983	2.93	31
1984	Mar. 19, 1984	2.43	21
1985	Mar. 17, 1985	2.42	20
1986	Feb. 25, 1986	5.07	102
1987	July 30, 1987	2.63	25
1988	--	--	(d)
1989	Mar. 10, 1989	6.16	148

06179100 Butte Creek tributary near Four Buttes, MT

Location.--Lat 48°48'33", long 105°35'08", in SE1/4 SE1/4 sec.5, T.35 N., R.47 E., Daniels County, Hydrologic Unit 10060003, attached to wooden post on left bank at upstream end of culvert on Secondary Highway 248, 1 mi east of Four Buttes.
Drainage area.--1.60 mi^2.
Records available.--1972, 1974 to current year.
Gage.--Crest-stage gage installed June 12, 1974. Altitude of gage is 2,460 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	4.55	144
1974	(a) May 13, 1974	1.76	10
1975	July 1, 1975	7.60	609
1976	Mar. 18, 1976	2.77	48
1977	Aug. 31, 1977	1.41	16
1978	July 4, 1978	1.53	18
1979	Apr. 16, 1979	1.81	22
1980	Mar. 23, 1980	(c) 1.61	(b) 1
1981	--	--	(d)
1982	Apr. 14, 1982	5.67	250
1983	--	--	(d)
1984	--	--	(d)
1985	Aug. 3, 1985	2.70	48
1986	Feb. 28, 1986	(c) 5.40	(b) 72
1987	--	--	(d)
1988	--	--	(d)
1989	Mar. 28, 1989	3.67	69

06182700 Middle Fork Big Muddy Creek near Flaxville, MT

Location.--Lat 48°48'08", long 105°06'48", in SW1/4 NE1/4 sec.12, T.35 N., R.50 E., Daniels County, Hydrologic Unit 10060006, on left downstream piling of bridge on State Highway 5, 2.8 mi east of Flaxville.
Drainage area.--3.12 mi^2.
Records available.--1972, 1974 to September 1983 (discontinued).
Gage.--Crest-stage gage installed June 12, 1974. Altitude of gage is 2,570 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	3.32	101
1974	(a)May 13, 1974	1.50	14
1975	Apr. 22, 1975	2.62	59
1976	Mar. 18, 1976	3.89	200
1977	Aug. 20, 1977	1.80	24
1978	Mar. 24, 1978	2.01	28
1979	Apr. 15, 1979	3.12	95
1980	Mar. 29, 1980	(c)2.29	(b)5
1981	Mar. 16, 1981	(c)1.70	(b)2
1982	Apr. 14, 1982	3.69	170
1983	Feb. 13, 1983	2.05	18

06183300 Marron Creek tributary near Plentywood, MT
(formerly published as Spring Creek near Plentywood, MT)

Location.--Lat 48°48'45", long 104°28'16", in SE1/4 sec.1, T.35 N., R.55 E., Sheridan County, Hydrologic Unit 10060006, at culvert on county road, 5 mi northeast of Plentywood.
Drainage area.--7.05 mi^2.
Records available.--1955 to current year.
Gage.--Crest-stage gage installed June 10, 1955. Altitude of gage is 2,260 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1955	July 7, 1955	0.69	5
1956	--	--	(d)
1957	July 23, 1957	2.77	76
1958	Mar. 30, 1958	1.49	25
1959	June 26, 1959	1.30	20
1960	Mar. 21, 1960	5.19	240
1961	July 30, 1961	1.20	17
1962	Mar. 26, 1962	1.32	24
1963	Sept. 17, 1963	(c)2.7	72
1964	Mar. 31, 1964	(c)5.45	(b)40
1965	Apr. 14, 1965	(c).67	(b)10
1966	Mar. 13, 1966	2.33	60
1967	Apr. 1967	1.07	16
1968	Mar. 1968	1.80	40
1969	Apr. 4, 1969	(c)5.56	(b)40
1970	June 13, 1970	1.28	23
1971	Apr. 5, 1971	1.00	11
1972	Mar. 15, 1972	(c)5.12	(b)60
1973	Mar. 3, 1973	.22	1
1974	May 20, 1974	2.63	70
1975	May 7, 1975	2.06	50
1976	June 12, 1976	3.34	94
1977	June 4, 1977	.64	4
1978	July 4, 1978	1.52	32
1979	Apr. 15, 1979	5.84	524
1980	--	--	(d)
1981	Feb. 16, 1981	2.85	80
1982	Apr. 14, 1982	3.98	100
1983	--	--	(d)
1984	Feb. 2, 1984	1.34	25
1985	Feb. 16, 1985	1.81	10
1986	Mar. 8, 1986	(c)2.73	(b)20
1987	Mar. 5, 1987	4.84	175
1988	--	--	(d)
1989	Mar. 25, 1989	2.38	63

06184200 Lost Creek tributary near Homestead, MT

Location.--Lat 48°24'09", long 104°29'49", in NW1/4 NW1/4 sec.31, T.31 N., R.56 E., Sheridan County, Hydrologic Unit 10060006, at upstream side of culvert on State Highway 16, 2.3 mi southeast of Homestead, 4.6 mi north of Froid.

Drainage area.--1.90 mi^2.

Records available.--1972, 1974 to current year.

Gage.--Crest-stage gage installed June 11, 1974. Altitude of gage is 1,970 ft, from topographic map.

Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	3.48	(b) 50
1974	(e) May 14, 1974	1.62	8
1975	May 7, 1975	2.27	1
1976	June 12, 1976	12.60	1,260
1977	Feb. 28, 1977	4.88	20
1978	July 5, 1978	8.67	247
1979	Apr. 9, 1979	6.80	145
1980	--	--	(d)
1981	--	--	(d)
1982	Apr. 14, 1982	6.00	100
1983	July 18, 1983	6.38	120
1984	--	--	(d)
1985	Apr. 3, 1985	2.86	21
1986	Mar. 8, 1986	(c) 5.66	(b) 41
1987	Mar. 4, 1987	3.58	18
1988	June 30, 1988	3.48	15
1989	Apr. 3, 1989	4.83	55

06185400 Missouri River tributary No. 5 at Culbertson, MT

Location.-- Lat 48°09'31", long 104°30'55", in SE1/4 sec.20, T.28 N., R.56 E., Roosevelt County, Hydrologic Unit 10060005, at culvert on State Highway 16, 0.7 mi north of U.S. Highway 2, at Culbertson Rodeo Grounds.
Drainage area.--3.67 mi^2.
Records available.--1963 to current year.
Gage.--Crest-stage gage installed May 19, 1963. Altitude of gage is 1,970 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1963	July 24, 1963	6.60	495
1964	June 14, 1964	2.59	128
1965	Apr. 17, 1965	1.01	(b) 30
1966	July 4, 1966	2.14	95
1967	Mar. 1967	(c) 2.52	(b) 90
1968	Feb. 29, 1968	(c) .98	(b) 10
1969	Apr. 7, 1969	1.02	30
1970	Apr. 7, 1970	1.09	33
1971	Mar. 16, 1971	2.00	85
1972	Mar. 15, 1972	2.19	100
1973	Mar. 3, 1973	.30	5
1974	Jan. 17, 1974	.65	15
1975	Apr. 22, 1975	1.66	64
1976	June 12, 1976	10.52	1,325
1977	Aug. 31, 1977	.66	1
1978	Mar. 25, 1978	2.57	125
1979	July 4, 1979	5.89	425
1980	Apr. 15, 1980	.16	1
1981	Apr. 15, 1981	.51	5
1982	Apr. 14, 1982	1.42	35
1983	Apr. 11, 1983	1.42	21
1984	Feb. 3, 1984	.54	2
1985	Feb. 19, 1985	.32	1
1986	Feb. 28, 1986	(c) 2.32	(b) 78
1987	Mar. 4, 1987	1.27	58
1988	--	--	(d)
1989	Mar. 25, 1989	2.89	155

06201700 Hump Creek near Reed Point, MT

Location.--Lat 45°42'33", long 109°35'35", in NE1/4 sec.35, T.1 S., R.17 E., Sweet Grass County, Hydrologic Unit 10070004, at bridge on Interstate Highway 90 and U.S. Highway 10, 2 mi west of Reed Point.
Drainage area.--7.61 mi^2.
Records available.--1959 to current year.
Gage.--Crest-stage gage installed May 4, 1959. Altitude of gage is 3,780 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1960	Mar. 19, 1960	0.50	15
1961	--	--	(d)
1962	June 13, 1962	2.96	307
1963	May 12, 1963	.29	8
1964	--	(f)	(b)1
1965	Apr. 2, 1965	.20	5
1966	Mar. 10, 1966	.76	30
1967	June 27, 1967	1.93	130
1968	June 9, 1968	1.62	87
1969	Mar. 17, 1969	.97	28
1970	May 21, 1970	1.16	40
1971	Feb. 15, 1971	.76	18
1972	Aug. 3, 1972	1.00	30
1973	May 1, 1973	1.52	45
1974	Jan. 15, 1974	2.77	227
1975	May 7, 1975	2.96	307
1976	May 11, 1976	2.28	123
1977	--	--	(d)
1978	May 18, 1978	2.96	295
1979	Apr. 11, 1979	(c)2.94	(b)20
1980	Apr. 1, 1980	2.09	98
1981	May 17, 1981	1.48	39
1982	June 14, 1982	1.63	50
1983	May 6, 1983	1.31	11
1984	June 4, 1984	unknown	1
1985	Mar. 18, 1985	1.45	15
1986	July 16, 1986	1.66	24
1987	--	--	(d)
1988	--	--	(d)
1989	Mar. 25, 1989	(c)2.47	(b)30

06205100 Allen Creek near Park City, MT

Location.--Lat 45°35'43", long 109°03'22", in NE1/4 sec.7, T.3 S., R.22 E., Stillwater County, Hydrologic Unit 10070004, about 200 ft upstream from Cove ditch flume, 7 mi west of Park City.
Drainage area.--7.17 mi^2.
Records available.--1961 to current year.
Gage.--Crest-stage gage installed June 15, 1961. Altitude of gage is 3,470 ft, from topographic map
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1961	(a)May 24, 1961	5.68	1,580
1962	Feb. 1, 1962	1.30	120
1963	June 3, 1963	.15	10
1964	--	--	(d)
1965	Apr. 2, 1965	.35	30
1966	June 19, 1966	2.40	260
1967	June 17, 1967	2.00	196
1968	Feb. 19, 1968	1.05	90
1969	June 20, 1969	1.45	135
1970	May 21, 1970	1.24	110
1971	Feb. 28, 1971	(c)1.75	(b)75
1972	Feb. 19, 1972	unknown	5
1973	May 1, 1973	.75	60
1974	Jan. 15, 1974	1.92	190
1975	May 7, 1975	1.30	117
1976	May 14, 1976	.97	80
1977	--	--	(d)
1978	May 18, 1978	3.46	410
1979	Mar. 7, 1979	(c)2.64	(b)90
1980	Feb. 18, 1980	1.94	94
1981	May 17, 1981	1.66	60
1982	Feb. 15, 1982	2.84	20
1983	--	--	(d)
1984	--	--	(d)
1985	Aug. 3, 1985	2.88	260
1986	Apr. 28, 1986	2.17	130
1987	July 10, 1987	3.72	462
1988	--	--	(d)
1989	Mar. 25, 1989	1.82	74

06207600 Jack Creek tributary near Belfry, MT

Location.--Lat 45°09'44", long 108°49'24", in SE1/4 SE1/4 sec.6, T.8 S., R.24 E., Carbon County, Hydrologic Unit 10070006, on railroad bridge 100 ft upstream from U.S. Highway 310, 9 mi east of Belfry, 11.5 mi northwest of Warren.
Drainage area.--0.85 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Nov. 26, 1974. Altitude of gage is 4,035 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1975	May 7, 1975	1.19	9
1976	Aug. 3, 1976	2.34	28
1977	June 10, 1977	2.09	24
1978	May 18, 1978	2.23	27
1979	Apr. 7, 1979	5.21	90
1980	Mar. 31, 1980	2.63	34
1981	May 11, 1981	2.49	(b)10
1982	June 6, 1982	1.89	20
1983	May 6, 1983	1.51	14
1984	May 8, 1984	2.31	4
1985	--	--	(d)
1986	Feb. 25, 1986	(c)2.66	(b)4
1987	May 27, 1987	3.50	50
1988	May 7, 1988	4.30	68
1989	Mar. 7, 1989	(c)1.86	(b)1

06214150 Mills Creek at Rapelje, MT

Location.--Lat 45°58'03", long 109°15'17", in SE1/4 NE1/4 sec.32, T.3 N., R.20 E., Stillwater County, Hydrologic Unit 10070004, at culvert on Secondary Highway 306, 0.4 mi south of Rapelje.
Drainage area.--3.32 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Aug. 6, 1974. Altitude of gage is 4,025 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	3.46	31
1975	May 19, 1975	1.78	8
1976	Feb. 12, 1976	1.44	4
1977	--	--	(d)
1978	June 15, 1978	1.83	9
1979	Mar. 12, 1979	(c)6.08	(b)40
1980	Mar. 14, 1980	2.15	12
1981	July 18, 1981	2.04	10
1982	July 31, 1982	1.90	9
1983	--	--	(d)
1984	--	--	(d)
1985	--	--	(d)
1986	--	--	(d)
1987	July 17, 1987	1.79	7
1988	May 7, 1988	3.53	77
1989	June 23, 1989	1.37	3

06216200 West Wets Creek near Billings, MT

Location.--Lat 45°37'38", long 108°24'14", in SW1/4 sec.28, T.2 S., R.27 E., Yellowstone County, Hydrologic Unit 10070008, at bridge on county road, 19 mi southeast of Billings.
Drainage area.--8.80 mi^2.
Records available.--1955 to current year.
Gage.--Crest-stage gage installed May 26, 1955. Altitude of gage is 3,550 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1955	Aug. 25, 1955	unknown	(b)5
1956	Feb. 22, 1956	3.23	65
1957	June 8, 1957	1.66	105
1958	July 2, 1958	.50	40
1959	June 4, 1959	1.14	70
1960	May 2, 1960	2.50	160
1961	May 21, 1961	.40	35
1962	Mar. 9, 1962	1.92	118
1963	June 8, 1963	2.70	170
1964	Apr. 26, 1964	6.90	565
1965	June 25, 1965	2.20	135
1966	Mar. 9, 1966	4.18	292
1967	June 6, 1967	2.46	155
1968	June 9, 1968	1.43	90
1969	June 26, 1969	3.10	200
1970	June 12, 1970	2.24	140
1971	June 10, 1971	2.23	138
1972	May 21, 1972	3.52	235
1973	Apr. 25, 1973	1.90	110
1974	June 8, 1974	3.03	200
1975	June 19, 1975	2.34	100
1976	June 22, 1976	2.16	90
1977	May 17, 1977	1.06	68
1978	May 19, 1978	6.81	545
1979	Mar. 12, 1979	(f)	<30
1980	Mar. 28, 1980	1.40	16
1981	May 17, 1981	2.66	59
1982	June 6, 1982	.98	40
1983	May 23, 1983	.09	9
1984	May 8, 1984	.49	16
1985	Mar. 20, 1985	1.67	60
1986	May 9, 1986	1.28	43
1987	Aug. 25, 1987	4.85	305
1988	May 7, 1988	2.95	136
1989	Mar. 9, 1989	1.20	39

06217300 Twelvemile Creek near Shepherd, MT

Location.--Lat 45°55'16", long 108°27'44", in NW1/4 SW1/4 sec.14, T.2 N., R.26 E., Yellowstone County, Hydrologic Unit 10070007, at culverts on U.S. Highway 87, 5.6 mi north of junction with old Highway 10, 6.0 mi west of Shepherd.
Drainage area.--9.05 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Oct. 29, 1973. Altitude of gage is 3,220 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	1.89	70
1974	June 8, 1974	1.20	20
1975	Feb. 24, 1975	1.78	60
1976	May 14, 1976	1.32	25
1977	--	--	(d)
1978	May 18, 1978	3.04	250
1979	Mar. 7, 1979	(c)4.24	20
1980	June 15, 1980	2.05	140
1981	May 16, 1981	2.54	185
1982	Feb. 15, 1982	1.12	11
1983	--	--	(d)
1984	Jan. 5, 1984	1.68	60
1985	Mar. 17, 1985	1.39	5
1986	Feb. 25, 1986	1.57	73
1987	--	--	(d)
1988	--	--	(d)
1989	Mar. 25, 1989	2.68	204

06217700 North Fork Crooked Creek near Shepherd, MT
(formerly published as Crooked Creek tributary near Shepherd, MT)

Location.--Lat 46°04'23", long 108°30'09", in SW1/4 sec.21, T.4 N., R.26 E., Yellowstone County, Hydrologic Unit 10070007, at bridge on county road, 1.7 mi west of U.S. Highway 87 between Billings and Roundup, 12 mi northwest of Shepherd, 20 mi north of Billings.
Drainage area.--6.85 mi^2.
Records available.--1962 to current year.
Gage.--Crest-stage gage installed Apr. 22, 1963. Altitude of gage is 3,400 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1962	(a) June 4, 1962	13.68	5,120
1963	June 21, 1963	5.26	1,110
1964	June 18, 1964	1.76	(b) 150
1965	June 25, 1965	unknown	47
1966	Mar. 8, 1966	3.54	(b) 600
1967	June 11, 1967	7.85	1,980
1968	Sept. 22, 1968	1.46	(b) 150
1969	Mar. 1969	2.20	250
1970	May 30, 1970	1.86	220
1971	Feb. 12, 1971	.88	85
1972	June 9, 1972	1.37	140
1973	Aug. 23, 1973	.82	80
1974	Aug. 20, 1974	1.49	160
1975	Feb. 24, 1975	.73	75
1976	May 14, 1976	.91	90
1977	--	--	(d)
1978	Sept. 18, 1978	-.54	8
1979	Mar. 12, 1979	-.34	11
1980	June 15, 1980	-.15	2
1981	June 27, 1981	1.67	160
1982	Feb. 15, 1982	.57	15
1983	Aug. 23, 1983	.69	18
1984	June 22, 1984	.60	17
1985	Aug. 3, 1985	.77	28
1986	July 16, 1986	2.31	350
1987	May 21, 1987	1.16	72
1988	June 26, 1988	.35	7
1989	Aug. 24, 1989	1.41	104

06290200 Little Bighorn River tributary near Wyola, MT

Location.--Lat 45°08'18", long 107°23'08", in SE1/4 NW1/4 sec.14, T.8 S., R.35 E., Big Horn County, Hydrologic Unit 10080016, on left bank along side of private road, 0.3 mi east of U.S. Highway 87, 0.8 mi northeast of Wyola.
Drainage area.--4.43 mi^2.
Records available.--1973 to September 1986 (discontinued).
Gage.--Crest-stage gage installed Oct. 30, 1973. Altitude of gage is 3,680 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	2.15	46
1974	May 1974	unknown	1
1975	Mar. 3, 1975	(c) 2.64	(b) 28
1976	Feb. 8, 1976	1.22	3
1977	June 10, 1977	3.79	225
1978	May 19, 1978	3.39	136
1979	Mar. 12, 1979	(f)	(b) 3
1980	May 10, 1980	2.75	78
1981	May 22, 1981	1.41	22
1982	Feb. 17, 1982	3.04	12
1983	Apr. 28, 1983	.59	1
1984	--	--	(d)
1985	Mar. 26, 1985	1.46	8
1986	Feb. 25, 1986	(c) 3.42	(b) 60

06293300 Long Otter Creek near Lodgegrass, MT

Location.--Lat 45°26'15", long 107°23'42", in SE1/4 NW1/4 SE1/4 sec.28, T.4 S., R.35 E., Big Horn County, Hydrologic Unit 10080016, at culvert on U.S. Highway 87, 10 mi north of Lodgegrass.
Drainage area.--11.7 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Oct. 30, 1973. Altitude of gage is 3,210 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	2.81	53
1974	Jan. 16, 1974	1.65	14
1975	Apr. 4, 1975	4.60	129
1976	Mar. 19, 1976	1.73	17
1977	Mar. 25, 1977	(c) 3.01	(b) 30
1978	May 19, 1978	8.04	298
1979	Apr. 12, 1979	(f)	1
1980	Mar. 31, 1980	2.07	27
1981	May 22, 1981	2.23	32
1982	Feb. 17, 1982	4.23	100
1983	June 12, 1983	2.44	39
1984	Mar. 14, 1984	2.55	1
1985	Apr. 1, 1985	3.11	31
1986	Feb. 25, 1986	3.74	49
1987	May 27, 1987	2.41	7
1988	May 7, 1988	3.97	59
1989	Mar. 12, 1989	4.08	106

06294400 Andresen Coulee near Custer, MT

Location.--Lat 46°03'53", long 107°32'30", in center of W1/2 sec.30, T.4 N., R.34 E., Yellowstone County, Hydrologic Unit 10080015, at culvert on State Highway 47, 4.5 mi south of Custer, 5.3 road mi south of U.S. Highways 10 and 212.

Drainage area.--2.35 mi^2.

Records available.--1963 to current year.

Gage.--Crest-stage gage installed Apr. 27, 1963. Altitude of gage is 2,820 ft, from topographic map.

Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1963	June 4, 1963	1.57	40
1964	June 18, 1964	1.06	20
1965	Aug. 23, 1965	.87	13
1966	Mar. 9, 1966	unknown	5
1967	Feb. 1967	.30	2
1968	June 9, 1968	.90	14
1969	Mar. 18, 1969	1.06	20
1970	Apr. 6, 1970	.05	1
1971	Feb. 12, 1971	(c)1.72	(b)5
1972	Feb. 28, 1972	(c)1.18	9
1973	Sept. 1, 1973	.33	2
1974	Jan. 15, 1974	.33	2
1975	Jan. 15, 1975	1.01	18
1976	June 11, 1976	.88	14
1977	May 17, 1977	.37	3
1978	May 18, 1978	.47	5
1979	Mar. 13, 1979	(c)1.67	(b)14
1980	May 10, 1980	.87	14
1981	Feb. 20, 1981	.17	1
1982	--	--	(d)
1983	July 28, 1983	.26	1
1984	Feb. 17, 1984	.59	6
1985	Mar. 9, 1985	.83	12
1986	Aug. 13, 1986	(c).82	(b)4
1987	July 30, 1987	.42	4
1988	--	--	(d)
1989	Mar. 25, 1989	(c)1.20	(b)2

06294600 East Cabin Creek Tributary near Hardin, MT
(formerly published as Tullock Creek tributary near Hardin, MT)

Location.--Lat 45°47'52", long 107°15'40", in SE1/4 SE1/4 sec.29, T.1 N., R.36 E., Big Horn County, Hydrologic Unit 10080015, at culvert on Secondary Highway 384, 18 mi northeast of Hardin.
Drainage area.--8.63 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Oct. 30, 1973. Altitude of gage is 3,180 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	2.12	88
1974	June 8, 1974	1.75	68
1975	Mar. 3, 1975	3.38	171
1976	June 11, 1976	(f)	10
1977	June 15, 1977	1.34	42
1978	May 18, 1978	1.67	60
1979	Mar. 12, 1979	(c)2.26	(b)20
1980	May 10, 1980	.80	2
1981	July 26, 1981	.99	3
1982	Jan. 27, 1982	(c)1.01	(b)1
1983	Feb. 14, 1983	1.64	1
1984	Jan. 28, 1984	2.12	1
1985	June 10, 1985	.68	2
1986	Feb. 25, 1986	3.37	80
1987	--	--	(d)
1988	Feb. 27, 1988	(c)1.43	(b)10
1989	Mar. 25, 1989	3.17	47

06294930 Sarpy Creek tributary near Colstrip, MT

Location.--Lat 45°54'54", long 107°07'57", in SW1/4 SW1/4 sec.16, T.2 N., R.37 E., Treasure County, Hydrologic Unit 10100001, at culvert on county road, 0.1 mi north of the Treasure and Big Horn county line, 25 mi west of Colstrip.
Drainage area.--4.44 mi^2.
Records available.--1972 to current year.
Gage.--Crest-stage gage installed Oct. 30, 1973. Altitude of gage is 3,120 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	4.33	194
1973	(a)	1.27	6
1974	--	--	(d)
1975	Jan. 20, 1975	2.91	27
1976	June 7, 1976	1.29	7
1977	Apr. 8, 1977	3.48	32
1978	Mar. 18, 1978	4.84	590
1979	Apr. 14, 1979	1.29	7
1980	Mar. 13, 1980	1.35	7
1981	May 27, 1981	1.61	9
1982	Feb. 17, 1982	1.49	8
1983	May 6, 1983	3.59	25
1984	Jan. 7, 1984	2.32	4
1985	Mar. 19, 1985	2.81	19
1986	Feb. 25, 1986	3.04	21
1987	--	--	(d)
1988	--	--	(d)
1989	Mar. 25, 1989	2.26	(b)2

06294960 Anderson Creek at Vananda, MT

Location.--Lat 46°23'35", long 107°00'27", in SE1/4 NE1/4 sec.6, T.7 N., R.38 E., Rosebud County, Hydrologic Unit 10100002, at bridge on U.S. Highway 12, at Vananda.
Drainage area.--5.71 mi^2.
Records available.--1973 to September 1984 (discontinued).
Gage.--Crest-stage gage installed Sept. 4, 1973. Altitude of gage is 2,690 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	2.44	130
1974	June 21, 1974	1.83	69
1975	July 31, 1975	4.13	420
1976	Feb. 24, 1976	1.78	65
1977	May 15, 1977	1.50	45
1978	May 18, 1978	2.35	120
1979	Mar. 24, 1979	(c)2.35	(b)60
1980	May 31, 1980	1.63	53
1981	--	--	(d)
1982	Feb. 21, 1982	unknown	1
1983	Feb. 20, 1983	1.44	40
1984	Jan. 5, 1984	unknown	10

06294985 East Fork Armells Creek tributary near Colstrip, MT

Location.--Lat 46°04'01", long 106°42'39", in SE1/4 SE1/4 sec.26, T.4 N., R.40 E., Rosebud County, Hydrologic Unit 10100001, on bridge on State Highway 39, 13 mi north of Colstrip.
Drainage area.--1.87 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Oct. 31, 1973. Altitude of gage is 2,860 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	2.15	2
1974	July 3, 1974	2.48	5
1975	Jan. 21, 1975	2.72	50
1976	July 2, 1976	2.45	5
1977	Aug. 31, 1977	3.55	15
1978	Aug. 22, 1978	4.61	88
1979	Mar. 12, 1979	(c)4.75	(b)10
1980	June 15, 1980	3.55	4
1981	May 11, 1981	3.72	9
1982	Feb. 16, 1982	unknown	110
1983	--	--	(d)
1984	June 21, 1984	1.36	29
1985	Mar. 17, 1985	1.20	5
1986	Sept. 25, 1986	2.62	160
1987	--	--	(d)
1988	Sept. 10, 1988	.19	1
1989	Mar. 8, 1989	(c)1.30	(b)3

06295020 Short Creek near Forsyth, MT

Location.--Lat 46°17'44", long 106°40'05", in NW1/4 sec.12, T.6 N., R.40 E., Rosebud County, Hydrologic Unit 10100001, at culverts on county road, 2.4 mi northeast of U.S. Highway 12, 2 mi north of Forsyth.
Drainage area.--3.23 mi^2.
Records available.--1962 to current year.
Gage.--Crest-stage gage installed Apr. 27, 1963. Altitude of gage is 2,550 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1962	(a)June 15, 1962	4.84	406
1963	June 19, 1963	1.30	20
1964	Aug. 29, 1964	1.67	35
1965	July 12, 1965	6.64	938
1966	June 4, 1966	6.20	790
1967	Mar. 1967	2.71	105
1968	Mar. 1968	(c)4.23	(b)100
1969	Mar. 18, 1969	(c)3.50	(b)100
1970	June 12, 1970	1.85	45
1971	Aug. 30, 1971	6.55	910
1972	Oct. 18, 1971	2.10	60
1973	June 18, 1973	5.26	500
1974	Jan. 15, 1974	3.72	210
1975	June 19, 1975	5.20	490
1976	Apr. 5, 1976	.82	1
1977	Aug. 30, 1977	1.96	50
1978	Sept. 13, 1978	2.11	60
1979	July 25, 1979	4.78	410
1980	Sept. 12, 1980	3.87	240
1981	May 27, 1981	1.44	(b)20
1982	Feb. 17, 1982	2.99	46
1983	July 19, 1983	4.05	280
1984	June 21, 1984	2.71	105
1985	Sept. 19, 1985	6.95	1,000
1986	June 29, 1986	6.28	425
1987	May 27, 1987	3.30	84
1988	Feb. 21, 1988	2.16	22
1989	Mar. 25, 1989	(c)2.26	(b)5

06295100 Rosebud Creek near Kirby, MT

Location.--Lat 45°14'01", long 106°57'23", in NE1/4 sec.16, T.7 S., R.39 E., Big Horn County, Hydrologic Unit 10100003, at culvert on private road, 7 mi south of Kirby.
Drainage area.--34.2 mi^2.
Records available.--1959 to September 1974, October 1981 to current year.
Gage.--Crest-stage gage installed Apr. 15, 1959. Altitude of gage is 4,180 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1960	Mar. 19, 1960	1.78	55
1961	--	--	(c)
1962	June 16, 1962	1.45	44
1963	Apr. 28, 1963	2.67	85
1964	Apr. 26, 1964	2.24	60
1965	Apr. 1, 1965	(c)4.78	(b)250
1966	June 22, 1966	2.50	78
1967	June 12, 1967	5.20	287
1968	June 9, 1968	5.72	540
1969	June 26, 1969	4.72	195
1970	May 7, 1970	5.00	240
1971	Apr. 25, 1971	4.51	165
1972	Mar. 10, 1972	(c)2.29	55
1973	Apr. 20, 1973	2.20	66
1974	June 7, 1974	.95	24
1982	July 25, 1982	3.89	92
1983	May 20, 1983	1.93	13
1984	May 4, 1984	2.93	48
1985	Apr. 15, 1985	4.70	136
1986	June 8, 1986	4.65	185
1987	May 29, 1987	.24	5
1988	Feb. 27, 1988	(c)4.11	(b)50
1989	Mar. 28, 1989	3.99	89

06296100 Snell Creek near Hathaway, MT

Location.--Lat 46°17'39", long 106°08'52", in NW1/4 sec.7, T.6 N., R.45 E., Custer County, Hydrologic Unit 10100001, at bridge on old U.S. Highways 10 and 12, 2.5 mi northeast of Hathaway, 3 mi southwest of Cottonwood Creek.
Drainage area.--10.5 mi^2.
Records available.--1963 to September 1977, 1979, October 1981 to current year.
Gage.--Crest-stage gage installed Apr. 26, 1963. Altitude of gage is 2,550 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1963	June 3, 1963	1.69	(b)170
1964	Aug. 29, 1964	.30	1
1965	June 14, 1965	2.20	(b)340
1966	June 4, 1966	2.35	(b)380
1967	June 7, 1967	1.3	85
1968	Feb. 26, 1968	1.05	45
1969	Mar. 18, 1969	2.33	375
1970	July 14, 1970	1.37	96
1971	Mar. 25, 1971	(c)1.95	(b)70
1972	Mar. 14, 1972	(c)1.17	32
1973	Apr. 20, 1973	1.47	95
1974	June 7, 1974	1.35	75
1975	May 5, 1975	1.54	77
1976	June 7, 1976	2.49	410
1977	June 3, 1977	1.40	53
1979	July 24, 1979	1.83	150
1982	Feb. 17, 1982	2.14	174
1983	Feb. 11, 1983	(c)1.21	(b)5
1984	Aug. 2, 1984	1.51	57
1985	Feb. 28, 1985	1.16	1
1986	Sept. 25, 1986	1.98	140
1987	May 27, 1987	1.97	135
1988	--	--	(d)
1989	Mar. 25, 1989	(c)1.65	(b)5

06296115 Reservation Creek near Miles City, MT

Location.--Lat 46°22'38", long 105°58'21", in SE1/4 NE1/4 sec.9, T.7 N., R.46 E., Custer County, Hydrologic Unit 10100001, at culvert on county road 446, 6.5 mi southwest of Miles City.
Drainage area.--6.29 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Aug. 24, 1973. Altitude of gage is 2,440 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	10.57	1,340
1974	May 28, 1974	1.19	55
1975	May 6, 1975	6.40	560
1976	July 8, 1976	4.12	250
1977	Feb. 11, 1977	.47	24
1978	May 18, 1978	3.88	280
1979	July 25, 1979	2.84	200
1980	June 11, 1980	3.99	260
1981	June 13, 1981	4.58	320
1982	June 29, 1982	unknown	700
1983	Mar. 6, 1983	.51	33
1984	June 21, 1984	1.25	74
1985	Sept. 19, 1985	6.71	460
1986	Sept. 25, 1986	6.26	450
1987	Aug. 14, 1987	12.29	840
1988	Sept. 18, 1988	(f)	1
1989	Apr. 27, 1989	1.91	112

06306900 Spring Creek near Decker, MT

Location.--Lat 45°05'09", long 106°50'12", in SW1/4 NW1/4 SE1/4 sec.33, T.8 S., R.40 E., Big Horn County, Hydrologic Unit 10090101, at culverts on county road, 5 mi north of Decker.
Drainage area.--34.7 mi^2.
Records available.--1958 to September 1986 (discontinued).
Gage.--Crest-stage gage installed May 9, 1958. Altitude of gage is 3,500 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1958	June 7, 1958	3.4	184
1959	Mar. 17, 1959	1.19	45
1960	Mar. 19, 1960	1.31	49
1961	--	--	(d)
1962	June 16, 1962	6.59	(b) 900
1963	June 15, 1963	1.07	40
1964	Apr. 22, 1964	.05	(b) 15
1965	Aug. 21, 1965	2.61	362
1966	Sept. 26, 1966	.11	15
1967	June 12, 1967	2.81	390
1968	June 9, 1968	.72	130
1969	Mar. 18, 1969	1.82	250
1970	May 14, 1970	1.35	195
1971	Feb. 14, 1971	6.50	1,400
1972	Feb. 28, 1972	2.90	420
1973	Sept. 1, 1973	.26	(b) 20
1974	Mar. 28, 1974	1.31	40
1975	Mar. 3, 1975	3.89	355
1976	Feb. 22, 1976	.34	20
1977	June 10, 1977	5.27	530
1978	May 18, 1978	3.00	270
1979	July 29, 1979	1.82	120
1980	May 25, 1980	.47	10
1981	May 21, 1981	.60	18
1982	--	--	(d)
1983	Jan. 18, 1983	1.02	20
1984	June 14, 1984	.71	24
1985	Aug. 5, 1985	.59	17
1986	June 4, 1986	1.01	46

06306950 South Fork Leaf Rock Creek near Kirby, MT
(formerly published as Leaf Rock Creek near Kirby, MT)

Location.--Lat 45°11'16", long 106°54'50", in center of sec.35, T.7 S., R.39 E., Big Horn County, Hydrologic Unit 10090101, at culvert on county road, 10 mi south of Kirby.
Drainage area.--4.53 mi^2.
Records available.--1958 to current year.
Gage.--Crest-stage gage installed Apr. 15, 1959. Altitude of gage is 3,950 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1958	(a)June 7, 1958	6.77	222
1959	--	--	unknown
1960	Mar. 19, 1960	5.03	168
1961	--	--	(d)
1962	June 16, 1962	6.37	216
1963	June 15, 1963	6.77	222
1964	Apr. 6, 1964	1.17	30
1965	Apr. 1, 1965	1.62	45
1966	July 12, 1966	3.42	123
1967	June 7, 1967	.55	13
1968	Mar. 1968	unknown	(b).5
1969	July 15, 1969	5.53	182
1970	May 4, 1970	1.11	28
1971	Feb. 14, 1971	1.49	(b)40
1972	Feb. 28, 1972	unknown	40
1973	Mar. 1, 1973	(c).65	(b).5
1974	Jan. 15, 1974	unknown	(b)2
1975	Mar. 19, 1975	2.03	58
1976	--	--	(d)
1977	June 10, 1977	1.40	38
1978	Mar. 20, 1978	1.34	37
1979	--	--	(d)
1980	June 14, 1980	.30	1
1981	July 17, 1981	1.10	6
1982	June 14, 1982	1.75	4
1983	--	--	(d)
1984	Jan. 4, 1983	2.26	7
1985	--	--	(d)
1986	Feb. 25, 1986	(c)8.05	(b)135
1987	May 26, 1987	2.19	14
1988	Feb. 20, 1988	2.06	6
1989	Mar. 8, 1989	(c)3.91	(b)25

06307520 Canyon Creek near Birney, MT

Location.--Lat 45°14'28", long 106°40'32", in SW1/4 sec.11, T.7 S., R.41 E., Rosebud County, Hydrologic Unit 10090101, on county bridge, 11 mi southwest of Birney.
Drainage area.--50.2 mi^2.
Records available.--1972 to current year.
Gage.--Crest-stage gage installed Apr. 14, 1973. Altitude of gage is 3,230 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	1.05	41
1973	(a)	-.34	4
1974	Feb. 16, 1974	.25	11
1975	June 18, 1975	1.76	100
1976	June 14, 1976	2.28	182
1977	June 10, 1977	.07	7
1978	May 18, 1978	.93	20
1979	Aug. 22, 1979	(f)	(g)1.5
1980	June 14, 1980	2.93	300
1981	July 15, 1981	1.55	90
1982	July 25, 1982	5.56	2,490
1983	--	--	(d)
1984	June 14, 1984	3.21	430
1985	--	--	(d)
1986	Feb. 25, 1986	2.13	145
1987	--	--	(d)
1988	Feb. 27, 1988	.55	21
1989	Mar. 8, 1989	.85	37

06307620 Tie Creek near Birney, MT

Location.--Lat 45°28'21", long 106°31'33", in SW1/4 SE1/4 sec.22, T.4 S., R.42 E., Rosebud County, Hydrologic Unit 10090102, at bridge on State Highway 315, 11 mi north of Birney.
Drainage area.--18.7 mi^2.
Records available.--1973 to September 1984 (discontinued).
Gage.--Crest-stage gage installed Oct. 31, 1973. Altitude of gage is 3,470 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	--	(d)
1974	Feb. 16, 1974	1.53	9
1975	Mar. 3, 1975	2.36	9
1976	Mar. 11, 1976	1.29	5
1977	July 6, 1977	1.31	6
1978	Mar. 27, 1978	1.62	11
1979	July 24, 1979	2.41	60
1980	June 15, 1980	2.22	37
1981	--	--	(d)
1982	Feb. 17, 1982	1.86	18
1983	--	--	(d)
1984	--	--	(d)

06307700 Cow Creek near Fort Howes Ranger Station, near Otter, MT

Location.--Lat 45°17'20", long 106°09'14", in SW1/4 NW1/4 sec.30, T.6 S., R.46 E., Powder River County, Hydrologic Unit 10090102, 200 feet downstream from county road, 0.8 mi south of Fort Howes Ranger Station, 6.6 mi north of Otter Creek Post Office.
Drainage area.--8.37 mi^2.
Records available.--1972 to current year.
Gage.--Crest-stage gage installed Aug. 21, 1973. Altitude of gage is 3,290 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	2.39	43
1973	(a)	1.43	2
1974	July 3, 1974	1.78	20
1975	Apr. 14, 1975	2.00	16
1976	June 23, 1976	1.54	6
1977	July 10, 1977	2.17	20
1978	May 31, 1978	1.70	9
1979	July 25, 1979	1.45	5
1980	June 15, 1980	1.23	4
1981	July 25, 1981	1.75	28
1982	July 25, 1982	1.95	46
1983	--	--	(d)
1984	June 9, 1984	2.72	200
1985	Mar. 17, 1985	1.68	2
1986	Feb. 25, 1986	(c)1.89	(b)20
1987	Aug. 25, 1987	2.55	154
1988	Feb. 27, 1988	1.75	25
1989	July 21, 1989	1.84	30

06307720 Brian Creek near Ashland, MT

Location.--Lat 45°24'37", long 106°09'07", in SW1/4 SW1/4 sec.11, T.5 S., R.45 E., Powder River County, Hydrologic Unit 10090102, at culvert on county road, 8.1 mi north of Fort Howes Ranger Station, 13.5 mi south of Ashland.
Drainage area.--8.03 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Aug. 20, 1973. Altitude of gage is 3,140 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	--	(d)
1974	--	--	(d)
1975	Mar. 1, 1975	3.75	93
1976	Sept. 15, 1976	(f)	1
1977	Mar. 29, 1977	.37	1
1978	Mar. 19, 1978	2.79	50
1979	--	--	(d)
1980	June 15, 1980	(f)	(b)1
1981	--	--	(d)
1982	July 25, 1982	.63	3
1983	May 12, 1983	1.51	17
1984	Jan. 5, 1984	1.72	20
1985	Mar. 17, 1985	2.03	5
1986	Feb. 1, 1986	2.12	32
1987	--	--	(d)
1988	Feb. 27, 1988	1.77	22
1989	Mar. 7, 1989	(c)1.59	(b)13

06307780 Stebbins Creek at mouth, near Ashland, MT

Location.--Lat 45°38'27", long 106°17'34", in NW1/4 sec.27, T.2 S., R.44 E., Rosebud County, Hydrologic Unit 10090102, at culvert on county road along west side of Tongue River, 3.6 road mi north of U.S. Highway 212, 3.5 mi northwest of Ashland.
Drainage area.--19.9 mi^2.
Records available.--1963 to current year.
Gage.--Crest-stage gage installed Apr. 24, 1963. Altitude of gage is 2,950 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1963	June 15, 1963	2.44	75
1964	June 18, 1964	3.40	210
1965	Aug. 23, 1965	3.56	248
1966	Mar. 12, 1966	(c)1.85	(b)15
1967	July 7, 1967	2.44	75
1968	Aug. 23, 1968	2.80	110
1969	Mar. 19, 1969	4.45	570
1970	May 8, 1970	2.20	50
1971	Feb. 17, 1971	1.94	30
1972	Aug. 2, 1972	4.76	508
1973	Apr. 2, 1973	1.37	5
1974	Feb. 16, 1974	1.39	7
1975	Jan. 20, 1975	3.37	210
1976	Sept. 7, 1976	1.64	18
1977	July 10, 1977	4.40	550
1978	Mar. 19, 1978	3.72	292
1979	Mar. 16, 1979	(c)3.03	(b)75
1980	June 15, 1980	2.92	110
1981	July 15, 1981	2.32	46
1982	July 25, 1982	4.15	400
1983	Oct. 9, 1982	3.10	135
1984	Jan. 5, 1984	1.22	1
1985	Mar. 24, 1985	2.75	86
1986	June 8, 1986	6.10	150
1987	--	--	(d)
1988	Feb. 27, 1988	4.72	65
1989	Mar. 10, 1989	6.30	162

06307930 Jack Creek near Volborg, MT

Location.--Lat 46°04'55", long 105°51'08", in NE1/4 NW1/4 sec.26, T.4 N., R.47 E., Custer County, Hydrologic Unit 10090102, at bridge on Secondary Highway 332, 19 mi northwest of Volborg.
Drainage area.--5.47 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Oct. 31, 1973. Altitude of gage is 2,630 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	unknown	225
1974	June 21, 1974	2.60	220
1975	May 5, 1975	4.56	271
1976	June 15, 1976	2.82	225
1977	Aug. 27, 1977	3.98	260
1978	May 18, 1978	5.62	448
1979	Mar. 16, 1979	(c)2.37	(b)30
1980	June 19, 1980	3.54	185
1981	July 12, 1981	2.79	110
1982	July 25, 1982	3.94	230
1983	July 27, 1983	2.24	65
1984	Aug. 8, 1984	3.24	157
1985	Aug. 2, 1985	5.31	400
1986	Sept. 25, 1986	4.02	240
1987	Aug. 14, 1987	4.27	267
1988	Feb. 27, 1988	1.98	46
1989	June 11, 1989	4.20	253

06308100 Sixmile Creek tributary near Epsie, MT

Location.--Lat 45°31'27", long 105°45'10", in SW1/4 SW1/4 sec.36, T.3 S., R.48 E., Powder River County, Hydrologic Unit 10090102, at culvert on U.S. Highway 212, 5.2 mi northwest of Epsie.
Drainage area.--0.24 mi^2.
Records available.--1972 to current year. Highwater mark at undetermined date prior to installation of gage.
Gage.--Crest-stage gage installed Aug. 21, 1973. Altitude of gage is 3,480 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	7.82	290
1973	(a)June 18, 1973	3.18	74
1974	Apr. 20, 1974	3.13	70
1975	Mar. 3, 1975	(c)2.50	5
1976	Jan. 18, 1976	2.05	2
1977	Mar. 29, 1977	1.68	1
1978	May 18, 1978	4.30	73
1979	July 25, 1979	5.07	175
1980	June 14, 1980	2.55	8
1981	May 26, 1981	2.14	4
1982	July 24, 1982	4.95	170
1983	Oct. 9, 1983	2.06	3
1984	June 9, 1984	2.08	3
1985	Mar. 17, 1985	2.22	5
1986	Sept. 25, 1986	5.07	196
1987	--	--	(d)
1988	--	--	(d)
1989	June 21, 1989	2.42	6

06308200 Basin Creek tributary near Volborg, MT

Location.--Lat 45°53'11", long 105°41'12", in NW1/4 sec.31, T.2 N., R.49 E., Custer County, Hydrologic Unit 10090102, at culvert on county road, 3.5 mi north of Volborg.
Drainage area.--0.14 mi^2.
Records available.--1955 to current year.
Gage.--Crest-stage gage installed July 23, 1955. Altitude of gage is 2,900 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1955	July 29, 1955	0.24	20
1956	--	--	(d)
1957	--	--	(d)
1958	July 2, 1958	6.96	390
1959	Mar. 1959	unknown	(b)2
1960	Mar. 21, 1960	.97	12
1961	--	--	(d)
1962	June 17, 1962	2.76	36
1963	June 22, 1963	9.38	94
1964	June 18, 1964	1.07	14
1965	Apr. 1, 1965	1.41	18
1966	July 29, 1966	3.11	41
1967	June 14, 1967	8.10	85
1968	June 20, 1968	1.93	24
1969	May 21, 1969	1.06	13
1970	Mar. 1970	1.15	14
1971	June 16, 1971	2.37	29
1972	Mar. 6, 1972	(c)5.79	5
1973	--	--	(d)
1974	--	--	(d)
1975	May 5, 1975	.83	10
1976	Feb. 1, 1976	1.13	14
1977	Jan. 19, 1977	1.53	18
1978	Mar. 19, 1978	1.46	18
1979	--	--	(d)
1980	June 15, 1980	(f)	(b)2
1981	--	--	(d)
1982	Feb. 16, 1982	1.01	12
1983	--	--	(d)
1984	Aug. 2, 1984	.87	2
1985	Mar. 17, 1985	1.00	12
1986	Feb. 25, 1986	.29	4
1987	Aug. 14, 1987	.11	2
1988	Feb. 27, 1988	.11	2
1989	Mar. 10, 1989	.34	6

06308330 Deer Creek tributary near Volborg, MT

Location.--Lat 46°02'04", long 105°31'15", in extreme southwest corner of sec.4, T.3 N., R.50 E., Custer County, Hydrologic Unit 10090102, at culvert on county road, 3 mi east of State Highway 59, 16 mi northeast of Volborg.
Drainage area.--1.65 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Nov. 1, 1973. Altitude of gage is 2,780 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	11.55	1,170
1974	May 30, 1974	2.90	32
1975	May 5, 1975	5.15	111
1976	June 7, 1976	4.80	96
1977	Mar. 27, 1977	2.29	18
1978	May 18, 1978	4.26	75
1979	Apr. 11, 1979	1.42	3
1980	Mar. 23, 1980	1.06	2
1981	Aug. 5, 1981	2.56	17
1982	Aug. 9, 1982	4.69	84
1983	Oct. 28, 1982	1.79	6
1984	May 27, 1984	2.89	23
1985	Sept. 2, 1985	4.90	96
1986	Sept. 25, 1986	5.37	118
1987	Aug. 14, 1987	5.72	127
1988	Sept. 11, 1988	2.32	13
1989	Mar. 10, 1989	3.35	35

06308340 La Grange Creek near Volborg, MT

Location.--Lat 46°06'17", long 105°33'20", in NE1/4 NW1/4 sec.18, T.4 N., R.50 E., Custer County, Hydrologic Unit 10090102, at culvert near mile post 27 on State Highway 59, 19 mi north of Volborg.
Drainage area.--3.66 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gages installed Aug. 23, 1973. Altitude of gages are 2,660 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	Sept. 3, 1973	3.40	79
1974	May 6, 1974	2.33	37
1975	May 6, 1975	7.62	378
1976	May 5, 1976	2.15	28
1977	Mar. 29, 1977	1.62	15
1978	May 18, 1978	5.17	182
1979	Mar. 14, 1979	(c)3.48	(b)55
1980	June 15, 1980	2.66	35
1981	Aug. 5, 1981	1.85	6
1982	June 7, 1982	2.28	11
1983	Oct. 28, 1982	3.37	70
1984	Aug. 2, 1983	3.48	77
1985	Sept. 2, 1985	5.71	220
1986	Sept. 25, 1986	3.40	78
1987	Aug. 14, 1987	3.88	88
1988	Feb. 27, 1988	1.86	6
1989	Mar. 10, 1989	3.14	42

06309060 North Sunday Creek tributary No. 2 near Angela, MT

Location.--Lat 46°34'00", long 106°03'51", in NE1/4 sec.4, T.9 N., R.45 E., Custer County, Hydrologic Unit 10100001, at culvert on State Highway 22, 14.1 road mi northwest of Yellowstone River bridge at Miles City, 15 mi northwest of Miles City, 13 mi southeast of Angela.
Drainage area.--0.22 mi^2.
Records available.--1962 to current year.
Gage.--Crest-stage gage installed May 17, 1963. Altitude of gage is 2,680 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1962	(a) June 1, 1962	2.42	45
1963	June 3, 1963	5.20	158
1964	June 18, 1964	1.47	19
1965	July 11, 1965	4.89	144
1966	Mar. 19, 1966	4.56	130
1967	June 13, 1967	2.77	56
1968	June 9, 1968	1.76	26
1969	July 7, 1969	7.94	320
1970	July 17, 1970	1.75	26
1971	Mar. 31, 1971	2.00	32
1972	Mar. 15, 1972	(c) 5.17	29
1973	Apr. 20, 1973	1.48	20
1974	May 20, 1974	2.96	60
1975	Aug. 14, 1975	3.31	74
1976	July 10, 1976	1.93	30
1977	June 14, 1977	(c) 1.14	3
1978	May 18, 1978	2.83	(b) 58
1979	May 6, 1979	1.28	16
1980	June 15, 1980	4.31	80
1981	Aug. 3, 1981	4.67	105
1982	June 29, 1982	4.02	50
1983	June 11, 1983	2.31	5
1984	May 27, 1984	2.48	7
1985	Sept. 19, 1985	3.99	50
1986	Sept. 25, 1986	4.25	64
1987	Aug. 14, 1987	3.53	30
1988	Sept. 28, 1988	3.01	16
1989	Apr. 27, 1989	4.04	53

06309078 Tree Coulee near Kinsey, MT

Location.--Lat 46°33'17", long 105°47'48", in NE1/4 NW1/4 sec.10, T.9 N., R.47 E., Custer County, Hydrologic Unit 10100001, at culvert on county road, 5.3 mi north of road to Kinsey, 6.5 mi west of Kinsey, 10.9 mi northeast of Secondary Highway 489 at Miles City.
Drainage area.--4.13 mi^2.
Records available.--1972, 1974 to current year.
Gage.--Crest-stage gage installed Aug. 16, 1974. Altitude of gage is 2,425 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	8.73	1,630
1974	(a)	2.29	12
1975	May 6, 1975	8.27	1,040
1976	June 14, 1976	6.85	300
1977	Sept. 30, 1977	3.11	30
1978	May 19, 1978	8.04	860
1979	Mar. 15, 1979	2.48	20
1980	June 15, 1980	2.51	16
1981	Oct. 20, 1980	4.72	55
1982	July 25, 1982	7.72	580
1983	June 11, 1983	2.68	17
1984	May 27, 1984	3.94	39
1985	Sept. 19, 1985	6.43	148
1986	July 26, 1986	8.50	1,250
1987	May 27, 1987	6.07	92
1988	Sept. 28, 1988	2.20	11
1989	Apr. 27, 1989	6.35	70

06309080 Deep Creek near Kinsey, MT

Location.--Lat 46°33'25", long 105°37'12", in SE1/4 SE1/4 sec.1, T.9 N., R.48 E., Custer County, Hydrologic Unit 10100001, at culvert on Interstate Highway 94, 3.1 mi southwest of Shirley railroad station, 2 mi southeast of Kinsey, 13 mi northeast of Miles City.
Drainage area.--11.5 mi^2.
Records available.--1962 to current year.
Gage.--Crest-stage gage installed May 16, 1963. Altitude of gage is 2,320 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1962	(a) July 14, 1962	7.80	828
1963	June 5, 1963	16.77	2,420
1964	Aug. 29, 1964	13.83	1,830
1965	July 11, 1965	10.79	1,300
1966	June 3, 1966	3.61	260
1967	June 12, 1967	3.93	300
1968	June 9, 1968	6.90	700
1969	Apr. 26, 1969	5.91	550
1970	July 14, 1970	5.89	550
1971	June 9, 1971	3.02	200
1972	June 9, 1972	16.78	2,430
1973	Apr. 20, 1973	10.70	1,300
1974	May 29, 1974	3.58	250
1975	May 5, 1975	7.45	760
1976	July 8, 1976	3.68	250
1977	Feb. 18, 1977	(f)	1
1978	Mar. 21, 1978	6.48	650
1979	July 25, 1979	(f)	(b) 30
1980	July 13, 1980	1.46	54
1981	Aug. 3, 1981	4.27	280
1982	Feb. 16, 1982	2.72	140
1983	May 12, 1983	2.26	108
1984	Aug. 2, 1984	2.96	162
1985	Sept. 2, 1985	3.37	200
1986	Feb. 25, 1986	5.55	440
1987	Aug. 14, 1987	5.65	450
1988	Aug. 12, 1988	5.03	370
1989	Mar. 10, 1989	(f)	(b) 5

06324700 Sand Creek near Broadus, MT

Location.--Lat 45°25'48", long 105°26'28", in SE1/4 sec.5, T.5 S., R.51 E., Powder River County, Hydrologic Unit 10090207, at culverts on Moorhead road, 1.8 mi southwest of Broadus.
Drainage area.--10.2 mi^2.
Records available.--1955 to September 1984 (discontinued).
Gage.--Crest-stage gage installed July 22, 1955. Altitude of gage is 3,090 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1955	(a)	--	(d)
1956	Mar. 16, 1956	1.75	19
1957	Aug. 28, 1957	1.55	15
1958	June 7, 1958	3.95	93
1959	Mar. 18, 1959	4.78	252
1960	Mar. 20, 1960	(c)4.79	(b)150
1961	--	--	(d)
1962	June 11, 1962	2.85	50
1963	Feb. 5, 1963	2.00	23
1964	June 8, 1964	1.58	13
1965	Apr. 1, 1965	2.96	53
1966	July 29, 1966	1.27	7
1967	June 14, 1967	1.50	12
1968	Feb. 29, 1968	(c)1.96	(b)5
1969	Mar. 17, 1969	unknown	(b)120
1970	June 12, 1970	.50	1
1971	Feb. 14, 1971	(c)4.71	(b)55
1972	June 9, 1972	5.39	715
1973	Sept. 2, 1973	1.03	3
1974	July 3, 1974	1.77	20
1975	Jan. 20, 1975	4.25	106
1976	Jan. 28, 1976	1.97	23
1977	June 12, 1977	2.47	32
1978	Mar. 20, 1978	(c)4.46	(b)80
1979	July 25, 1979	1.60	13
1980	--	--	(d)
1981	--	--	(d)
1982	--	--	(d)
1983	Oct. 9, 1982	1.54	12
1984	--	--	(d)

06324995 Badger Creek at Biddle, MT

Location.--Lat 45°05'46", long 105°20'17", in SW1/4 NW1/4 sec.34, T.8 S., R.52 E., Powder River County, Hydrologic Unit 10090208, at culvert on State Highway 59, 0.2 mi south of Biddle.
Drainage area.--6.06 mi^2.
Records available.--1972 to current year.
Gage.--Crest-stage gage installed Aug. 21, 1973. Altitude of gage is 3,310 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	4.89	185
1973	(a)	.73	8
1974	--	--	(d)
1975	Jan. 23, 1975	1.80	34
1976	June 23, 1976	7.97	414
1977	Sept. 30, 1977	1.43	19
1978	Mar. 20, 1978	2.98	75
1979	Mar. 16, 1979	1.68	15
1980	Feb. 27, 1980	1.53	9
1981	--	--	(d)
1982	July 25, 1982	24.00	2,530
1983	--	--	(d)
1984	June 9, 1984	1.65	23
1985	Mar. 17, 1985	2.01	33
1986	Sept. 25, 1986	2.38	56
1987	--	--	(d)
1988	--	--	(d)
1989	Mar. 10, 1989	.99	14

06325400 East Fork Little Powder River tributary near Hammond, MT

Location.--Lat 45°18'04", long 105°05'50", in NW1/4 SE1/4 sec.22, T.6 S., R.54 E., Powder River County, Hydrologic Unit 10090208, at culvert on U.S. Highway 212, 4.0 mi northwest of Boyes, 10 mi northwest of Hammond, 18 mi southeast of Broadus.
Drainage area.--3.45 mi^2.
Records available.--1974 to September 1984 (discontinued).
Gage.--Crest-stage gage installed Aug. 18, 1974. Altitude of gage is 3,250 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	4.19	51
1975	Mar. 5, 1975	6.31	2
1976	June 23, 1976	6.18	155
1977	June 12, 1977	5.38	35
1978	June 25, 1978	7.03	140
1979	Mar. 16, 1979	7.12	30
1980	June 1, 1980	6.00	48
1981	July 13, 1981	5.58	25
1982	July 25, 1982	5.89	43
1983	Oct. 9, 1982	5.84	40
1984	July 7, 1984	5.02	4

06325700 Deep Creek near Powderville, MT
(formerly published as Powder River tributary near Powderville, MT)

Location.--Lat 45°48'46", long 105°03'51", in NE1/4 NE1/4 sec.25, T.1 N., R.53 E., Custer County, Hydrologic Unit 10090209, at culvert on county road, 2 mi north of Custer-Powder River County line, 4.5 mi north of Powderville.
Drainage area.--3.20 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Nov. 1, 1973. Altitude of gage is 2,850 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	16.91	480
1974	July 3, 1974	3.22	52
1975	May 5, 1975	5.57	180
1976	June 14, 1976	3.30	55
1977	June 8, 1977	3.87	76
1978	Oct. 7, 1977	2.90	40
1979	Apr. 12, 1979	2.31	22
1980	Mar. 15, 1980	2.29	22
1981	Feb. 19, 1981	1.68	5
1982	June 6, 1982	2.87	40
1983	Oct. 9, 1982	2.94	41
1984	July 7, 1984	2.24	20
1985	Sept. 19, 1985	2.24	20
1986	Sept. 25, 1986	2.95	12
1987	Aug. 14, 1987	1.73	1
1988	--	--	(d)
1989	Mar. 10, 1989	2.30	3

06325950 Cut Coulee near Mizpah, MT

Location.--Lat 46°08'38", long 105°10'05", in NE1/4 SW1/4 sec.36, T.5 N., R.52 E., Custer County, Hydrologic Unit 10090209, at culvert on county road, 8.5 mi southeast of Mizpah.
Drainage area.--2.23 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Nov. 1, 1973. Altitude of gage is 2,670 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	7.95	252
1974	May 30, 1974	4.77	125
1975	May 3, 1975	8.45	272
1976	Sept. 14, 1976	4.18	105
1977	Aug. 6, 1977	3.92	92
1978	May 18, 1978	4.17	103
1979	Mar. 16, 1979	(c) 2.45	(b) 20
1980	Aug. 16, 1980	4.29	108
1981	July 12, 1981	2.58	47
1982	June 6, 1982	4.09	100
1983	May 12, 1983	2.23	33
1984	June 9, 1984	3.95	95
1985	Sept. 19, 1985	6.60	197
1986	May 9, 1986	11.54	420
1987	May 27, 1987	9.37	318
1988	Sept. 18, 1988	3.15	64
1989	Mar. 10, 1989	4.13	99

06326510 Locate Creek tributary near Locate, MT

Location.-- Lat 46°25'52", long 105°10'51", in SW1/4 SE1/4 sec.23, T.8 N., R.52 E., Custer County, Hydrologic Unit 10090209, at culvert on U.S. Highway 12, 5.5 mi east of Locate, 6.4 road mi east of Locate, 6.5 mi east of Powder River bridge.
Drainage area.--0.91 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Aug. 16, 1974. Altitude of gage is 2,660 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	2.41	22
1974	(a) May 30, 1974	1.47	8
1975	May 5, 1975	2.90	31
1976	Aug. 5, 1976	5.31	103
1977	Feb. 16, 1977	.80	1
1978	July 19, 1978	6.00	130
1979	--	--	(d)
1980	Aug. 15, 1980	(f)	(b) 2
1981	Aug. 3, 1981	4.52	90
1982	June 7, 1982	2.42	22
1983	May 12, 1983	1.06	4
1984	May 27, 1984	2.16	18
1985	Aug. 2, 1985	1.48	9
1986	June 9, 1986	1.44	8
1987	Aug. 14, 1987	2.07	16
1988	--	--	(d)
1989	Mar. 10, 1989	(c) 2.35	(b) 1

06326550 Cherry Creek tributary near Terry, MT

Location.--Lat 46°51'18", long 105°20'26", in NE1/4 SW1/4 sec.25, T.13 N., R.50 E., Prairie County, Hydrologic Unit 10100004, on bridge on abandoned part of State Highway 253, 4.8 mi north of Terry.
Drainage area.--2.52 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Sept. 6, 1973. Altitude of gage is 2,340 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	3.05	72
1974	May 28, 1974	2.49	10
1975	May 6, 1975	3.05	72
1976	Aug. 4, 1976	3.27	81
1977	Sept. 2, 1977	2.61	53
1978	May 30, 1978	4.97	466
1979	Mar. 16, 1979	(c) 4.67	unknown
1980	June 13, 1980	4.10	175
1981	Aug. 3, 1981	4.22	190
1982	June 8, 1982	3.31	93
1983	June 12, 1983	3.29	91
1984	Aug. 7, 1984	1.72	28
1985	July 8, 1985	2.00	24
1986	Feb. 25, 1986	(c) 4.24	(b) 80
1987	May 17, 1987	2.73	51
1988	--	--	(d)
1989	May 29, 1989	2.59	34

06326580 Lame Jones Creek tributary near Willard, MT

Location.--Lat 46°11'40", long 104°33'05", in SE1/4 SE1/4 sec.11, T.5 N., R.57 E., Fallon County, Hydrologic Unit 10100005, at culvert on county road, 8.8 mi west of Willard, 1.1 mi east of Lame Jones School.
Drainage area.--0.49 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Aug. 18, 1974. Altitude of gage is 2,825 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	4.76	28
1975	Mar. 6, 1975	(f)	1
1976	--	--	(d)
1977	--	--	(d)
1978	Mar. 26, 1978	1.54	4
1979	May 6, 1979	1.21	2
1980	--	--	(d)
1981	Aug. 5, 1981	2.51	12
1982	Feb. 21, 1982	2.04	8
1983	Oct. 9, 1982	2.11	8
1984	Mar. 13, 1984	1.16	1
1985	Apr. 2, 1985	1.07	1
1986	Feb. 25, 1986	1.54	2
1987	--	--	(d)
1988	--	--	(d)
1989	Mar. 10, 1989	(c) 1.38	(b) 1

06326600 O'Fallon Creek near Ismay, MT

Location.--Lat 46°25'17", long 104°45'40", near center of east edge of sec.30, T.8 N., R.56 E., Fallon County, Hydrologic Unit 10100005, at bridge on U.S. Highway 12, 11.5 mi west of Plevna, 1 mi east of road to Ismay, 6.5 mi southeast of Ismay.
Drainage area.--669 mi^2.
Records available.--1962 to September 1984 (discontinued).
Gage.--Crest-stage gage installed Apr. 26, 1963. Altitude of gage is 2,590 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1962	(a)July 14, 1962	7.23	2,480
1963	June 7, 1963	4.12	950
1964	June 18, 1964	4.20	980
1965	July 12, 1965	7.27	2,500
1966	July 26, 1966	5.07	1,370
1967	June 6, 1967	5.62	1,640
1968	Aug. 23, 1968	1.71	240
1969	Mar. 20, 1969	7.12	2,440
1970	May 8, 1970	2.61	440
1971	Mar. 13, 1971	5.19	1,425
1972	Mar. 6, 1972	8.87	4,100
1973	Sept. 2, 1973	4.36	1,100
1974	May 30, 1974	3.61	750
1975	May 6, 1975	3.86	850
1976	July 3, 1976	9.50	4,700
1977	Apr. 10, 1977	1.20	75
1978	Mar. 22, 1978	(c)8.19	(b)3,100
1979	Apr. 15, 1979	3.96	298
1980	Aug. 17, 1980	2.02	32
1981	Aug. 3, 1981	5.68	1,870
1982	June 8, 1982	5.30	1,550
1983	Feb. 14, 1983	(c)8.50	(b)700
1984	May 2, 1984	3.67	143

06326800 Pennel Creek tributary near Baker, MT
(formerly published as Pennel Creek near Baker, MT)

Location.--Lat 46°29'57", long 104°14'17", in center of south edge of sec.36, T.9 N., R.59 E., Fallon County, Hydrologic Unit 10100005, at culvert on State Highway 7, 7.8 mi north of U.S. Highway 12, 8 mi north of Baker.
Drainage area.--1.00 mi^2.
Records available.--1962 to current year.
Gage.--Crest-stage gage installed Apr. 25, 1963. Altitude of gage is 3,090 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1962	(a)July 7, 1962	6.00	240
1963	June 5, 1963	8.51	350
1964	June 18, 1964	1.94	85
1965	Apr. 9, 1965	1.98	88
1966	June 4, 1966	2.28	97
1967	June 14, 1967	1.94	40
1968	Aug. 23, 1968	1.45	30
1969	June 27, 1969	1.60	35
1970	July 14, 1970	2.10	50
1971	Apr. 6, 1971	2.90	45
1972	June 24, 1972	2.35	30
1973	Sept. 2, 1973	2.28	27
1974	May 30, 1974	2.10	25
1975	May 6, 1975	2.61	38
1976	July 3, 1976	2.39	33
1977	Sept. 7, 1977	2.41	33
1978	May 7, 1978	2.83	45
1979	June 20, 1979	2.32	30
1980	Aug. 17, 1980	1.74	10
1981	June 13, 1981	2.17	19
1982	June 8, 1982	3.02	42
1983	June 12, 1983	3.02	42
1984	Aug. 2, 1984	2.36	23
1985	May 29, 1985	2.08	17
1986	May 9, 1986	2.14	17
1987	May 3, 1987	2.49	26
1988	Feb. 27, 1988	1.41	6
1989	Apr. 28, 1989	1.98	15

06326940 Spring Creek tributary near Fallon, MT

Location.--Lat 46°48'06", long 104°59'25", in NE1/4 NE1/4 sec.13, T.12 N., R.53 E., Prairie County, Hydrologic Unit 10100004, at culvert on county road, 6.8 mi southeast of Fallon.
Drainage area.--3.10 mi^2.
Records available.--1972 to current year.
Gage.--Crest-stage gage installed Sept. 6, 1973. Altitude of gage is 2,470 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	8.93	303
1973	(a)	3.06	40
1974	--	--	(d)
1975	May 6, 1975	1.63	7
1976	July 3, 1976	5.15	125
1977	June 14, 1977	2.83	34
1978	Mar. 21, 1978	(c)5.89	(b)20
1979	Mar. 16, 1979	2.80	36
1980	Aug. 16, 1980	1.13	1
1981	Aug. 3, 1981	4.24	80
1982	Mar. 30, 1982	2.58	23
1983	Oct. 9, 1982	2.61	27
1984	June 6, 1984	unknown	1
1985	Mar. 10, 1985	1.19	3
1986	July 17, 1986	3.44	54
1987	--	--	(d)
1988	--	--	(d)
1989	May 29, 1989	2.32	20

06326950 Yellowstone River tributary No. 5 near Marsh, MT

Location.--Lat 46°56'11", long 104°53'53", in SW1/4 sec.21, T.14 N., R.54 E., Dawson County, Hydrologic Unit 1010004, at culvert on Interstate Highway 94, 2.4 mi northeast of Cracker Box Creek, 2.5 mi southwest of Clear Creek, 5 mi northeast of Marsh.
Drainage area.--0.87 mi^2.
Records available.--1962 to current year.
Gage.--Crest-stage gage installed May 17, 1963. Altitude of gage is 2,300 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1962	(a)July 14, 1962	2.97	127
1963	June 6, 1963	1.40	12
1964	June 8, 1964	.70	2
1965	Apr. 1, 1965	(c)2.81	(b)10
1966	June 4, 1966	1.68	(b)20
1967	May 13, 1967	.66	2
1968	--	--	(d)
1969	Mar. 18, 1969	(c)3.31	(b)30
1970	--	--	(d)
1971	Mar. 31, 1971	1.92	34
1972	Mar. 11, 1972	(c)2.90	15
1973	--	--	unknown
1974	July 3, 1974	9.64	267
1975	May 6, 1975	2.57	36
1976	Feb. 17, 1976	2.51	35
1977	June 14, 1977	7.92	202
1978	Mar. 21, 1978	(c)4.67	(b)50
1979	Mar. 24, 1979	(c)3.66	(b)5
1980	June 13, 1980	6.70	195
1981	Aug. 5, 1981	4.42	121
1982	Apr. 13, 1982	1.32	17
1983	--	--	(d)
1984	--	--	(d)
1985	--	--	(d)
1986	July 17, 1986	2.40	46
1987	--	--	(d)
1988	--	--	(d)
1989	July 14, 1989	1.91	32

06326960 Timber Fork Upper Sevenmile Creek tributary near Lindsay, MT
(formerly published as Timber Fork Creek tributary near Lindsay, MT)

Location.--Lat 47°10'55", long 105°10'16", in SW1/4 SW1/4 sec.36, T.17 N., R.51 E., Dawson County, Hydrologic Unit 10100004, at culvert on county road, 3.3 mi southwest of Lindsay.
Drainage area.--1.23 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed June 28, 1974. Altitude of gage is 2,725 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	0.96	2
1975	May 6, 1975	1.70	13
1976	Mar. 18, 1976	1.24	6
1977	Apr. 7, 1977	1.38	1
1978	Mar. 25, 1978	2.72	35
1979	Apr. 16, 1979	1.43	9
1980	Aug. 16, 1980	1.28	6
1981	July 14, 1981	.67	1
1982	Apr. 13, 1982	2.55	31
1983	July 18, 1983	.60	1
1984	June 22, 1984	.73	1
1985	July 24, 1985	1.14	4
1986	Feb. 25, 1986	4.89	101
1987	May 27, 1987	1.34	7
1988	Feb. 20, 1988	.90	1
1989	Mar. 10, 1989	2.56	30

06327550 South Fork Horse Creek tributary near Wibaux, MT

Location.--Lat 46°48'09", long 104°22'55", in SW1/4 SE1/4 sec.11, T.12 N., R.58 E., Wibaux County, Hydrologic Unit 10100004, at culvert on county road, 7.5 mi west of State Highway 7, 16.0 mi southwest of Wibaux.
Drainage area.--1.73 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Aug. 17, 1974. Altitude of gage is 2,825 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	6.23	169
1974	(a)	--	(d)
1975	Mar. 20, 1975	2.90	36
1976	Apr. 16, 1976	3.62	63
1977	--	--	(d)
1978	July 4, 1978	3.66	65
1979	Apr. 9, 1979	2.55	9
1980	--	--	(d)
1981	Feb. 17, 1981	2.48	5
1982	Feb. 17, 1982	2.79	16
1983	Jan. 8, 1983	3.09	33
1984	Mar. 19, 1984	2.34	2
1985	Apr. 25, 1985	2.88	12
1986	Feb. 25, 1986	4.24	110
1987	May 3, 1987	2.45	3
1988	--	--	(d)
1989	July 14, 1989	2.82	10

06327720 Griffith Creek tributary near Glendive, MT

Location.--Lat 47°06'20", long 104°35'48", in NE1/4 NW1/4 sec.35, T.16 N., R.56 E., Dawson County, Hydrologic Unit 10100004, at culvert on Interstate Highway 94, 5 mi east of Glendive.
Drainage area.--3.48 mi^2.
Records available.--1965, 1974 to current year.
Gage.--Crest-stage gage installed June 27, 1974. Altitude of gage is 2,180 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1965	(a)	15.28	1,070
1974	Aug. 8, 1974	1.57	2
1975	May 6, 1975	2.70	17
1976	July 2, 1976	6.01	190
1977	Sept. 8, 1977	1.70	3
1978	Mar. 22, 1978	3.08	27
1979	July 10, 1979	1.65	2
1980	June 6, 1980	4.73	104
1981	Aug. 5, 1981	5.96	186
1982	Mar. 11, 1982	3.39	37
1983	Aug. 3, 1983	3.12	27
1984	June 22, 1984	3.12	27
1985	--	--	(d)
1986	July 17, 1986	11.20	660
1987	May 17, 1987	2.95	22
1988	Feb. 20, 1988	2.30	5
1989	July 14, 1989	2.82	10

06327790 Krug Creek tributary No. 2 near Wibaux, MT

Location.--Lat 47°00'23", long 104°18'13", in NW1/4 NW1/4 sec.6, T.14 N., R.59 E., Wibaux County, Hydrologic Unit 10100004, at culvert on county road at Interstate Highway 94 interchange, 5.5 mi west of Wibaux.
Drainage area.--0.49 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Aug. 17, 1974. Altitude of gage is 2,825 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	0.86	1
1975	May 6, 1975	2.03	14
1976	Feb. 9, 1976	2.18	16
1977	--	--	(d)
1978	June 29, 1978	1.98	13
1979	Apr. 17, 1979	(c) 2.36	(b) 12
1980	--	--	(d)
1981	Aug. 5, 1981	2.54	23
1982	Mar. 11, 1982	3.14	39
1983	Feb. 2, 1983	2.22	20
1984	June 6, 1984	2.32	21
1985	Apr. 25, 1985	2.76	31
1986	Feb. 26, 1986	4.58	77
1987	--	--	(d)
1988	Feb. 20, 1988	1.98	15
1989	July 14, 1989	4.50	74

06328100 Yellowstone River tributary No. 6 near Glendive, MT

Location.--Lat 47°09'26", long 104°39'14", in NW1/4 SW1/4 sec.8, T.16 N., R.56 E., Dawson County, Hydrologic Unit 10100004, at bridge on county road to Belle Prairie, 3 mi northeast of Glendive.
Drainage area.--2.93 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed June 27, 1974. Altitude of gage is 1,950 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	Aug. 8, 1974	1.35	17
1975	Apr. 14, 1975	1.18	3
1976	June 7, 1976	3.03	135
1977	Sept. 8, 1977	.97	1
1978	Mar. 25, 1978	1.19	4
1979	July 10, 1979	1.51	25
1980	June 6, 1980	2.70	108
1981	Aug. 5, 1981	3.80	210
1982	July 5, 1982	2.76	110
1983	July 28, 1983	2.96	126
1984	June 22, 1984	3.26	155
1985	July 24, 1985	1.25	8
1986	July 17, 1986	3.58	190
1987	May 17, 1987	1.67	34
1988	--	--	(d)
1989	July 14, 1989	3.39	166

06328400 Thirteenmile Creek tributary near Bloomfield, MT

Location.--Lat 47°24'46", long 104°49'58", in SE1/4 SE1/4 sec. 9, T.19 N., R.54 E., Dawson County, Hydrologic Unit 10100004, at culvert on county road, 3.9 mi east of Bloomfield.
Drainage area.--0.67 mi^2.
Records available.--1972, 1974 to current year.
Gage.--Crest-stage gage installed Aug. 18, 1974. Altitude of gage is 2,525 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	4.70	110
1974	(a)Aug. 8, 1974	2.00	36
1975	Apr. 14, 1975	2.52	46
1976	July 2, 1976	3.03	59
1977	--	--	(d)
1978	--	--	(d)
1979	Apr. 7, 1979	3.10	62
1980	--	--	(d)
1981	Feb. 17, 1981	1.49	21
1982	Feb. 20, 1982	2.57	47
1983	Feb. 10, 1983	2.23	40
1984	June 6, 1984	1.28	16
1985	May 29, 1985	1.29	16
1986	June 29, 1986	3.88	85
1987	May 17, 1987	3.31	70
1988	Feb. 20, 1988	2.67	51
1989	Aug. 31, 1989	2.47	17

06329350 Alkali Creek near Sidney, MT
(formerly published as Alkali Creek tributary near Sidney, MT)

Location.--Lat 47°30'34", long 104°07'03", in SW1/4 NE1/4 sec.7, T.20 N., R.60 E., Richland County, Hydrologic Unit 10100004, at culvert on county road, 7.7 mi south of O'Brien Creek, 12.8 mi south of Secondary Highway 23, 14.8 mi southeast of junction to Secondary Highway 23 and State Highway 16, 14.2 mi southeast of Sidney.
Drainage area.--0.49 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage installed Aug. 17, 1974. Altitude of gage is 2,260 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)Aug. 10, 1974	1.45	9
1975	Aug. 7, 1975	1.55	11
1976	Feb. 15, 1976	2.14	22
1977	Feb. 20, 1977	1.61	12
1978	Mar. 20, 1978	(c)5.97	(b)30
1979	Apr. 17, 1979	(c)2.36	(b)26
1980	Mar. 17, 1980	1.09	4
1981	Feb. 17, 1981	1.61	12
1982	--	--	(d)
1983	Feb. 10, 1983	1.66	13
1984	Mar. 16, 1984	1.28	7
1985	Mar. 17, 1985	1.52	11
1986	July 17, 1986	11.60	305
1987	May 3, 1987	2.07	22
1988	Feb. 20, 1988	1.55	12
1989	Mar. 10, 1989	1.08	5

06329510 Fox Creek tributary near Lambert, MT

Location.--Lat 47°38'58", long 104°36'52", in NW1/4 SW1/4 sec.24, T.22 N., R.55 E., Richland County, Hydrologic Unit 10100004, at bridge on county road, 2.4 road mi south of Lambert.
Drainage area.--5.01 mi^2.
Records available.--1972, 1974 to current year.
Gage.--Crest-stage gage installed Aug. 17, 1974. Altitude of gage is 2,375 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	5.18	59
1974	(a)June 21, 1974	2.52	2
1975	May 6, 1975	3.21	7
1976	Feb. 16, 1976	unknown	3
1977	June 12, 1977	2.48	1
1978	Sept. 12, 1978	7.06	390
1979	Apr. 10, 1979	3.41	12
1980	--	--	(d)
1981	Aug. 5, 1981	4.99	57
1982	Mar. 11, 1982	3.81	30
1983	--	--	(d)
1984	May 13, 1984	2.77	1
1985	Sept. 19, 1985	3.04	3
1986	Feb. 26, 1986	(c)4.56	(b)31
1987	May 3, 1987	2.80	2
1988	Feb. 20, 1988	3.05	3
1989	Mar. 10, 1989	5.28	70

06329570 First Hay Creek near Sidney, MT

Location.--Lat 47°50'08", long 104°16'16", in SE1/4 sec.16, T.24 N., R.58 E., Richland County, Hydrologic Unit 10100004, at bridge on State Highway 16, 4.1 road mi north of "Dryland Crop and Soils Research Station" sign, 10 mi northwest of Sidney.
Drainage area.--29.1 mi^2.
Records available.--1963 to current year.
Gage.--Crest-stage gage installed May 20, 1963. Altitude of gage is 2,170 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1963	Aug. 23, 1963	1.02	20
1964	July 5, 1964	.90	15
1965	Apr. 8, 1965	unknown	(b) 100
1966	Mar. 1966	2.15	120
1967	Mar. 1967	2.10	115
1968	Feb. 29, 1968	.70	10
1969	Apr. 1969	1.38	45
1970	June 12, 1970	.73	10
1971	Mar. 27, 1971	2.40	160
1972	Mar. 11, 1972	2.32	325
1973	Mar. 11, 1973	.83	13
1974	May 13, 1974	.60	6
1975	Apr. 23, 1975	2.15	260
1976	June 14, 1976	2.93	700
1977	Mar. 29, 1977	.68	10
1978	Mar. 25, 1978	.54	5
1979	Apr. 18, 1979	3.50	950
1980	--	--	(d)
1981	--	--	(d)
1982	Apr. 14, 1982	2.32	295
1983	Mar. 11, 1983	1.19	45
1984	--	--	(d)
1985	--	--	(d)
1986	Feb. 25, 1986	2.56	395
1987	June 19, 1987	.38	2
1988	--	--	(d)
1989	Mar. 10, 1989	2.91	560

06334100 Wolf Creek near Hammond, MT

Location.--Lat 45°09'53", long 104°45'20", in SE1/4 sec.5, T.8 S., R.57 E., Carter County, Hydrologic Unit 10110201, at culvert on U.S. Highway 212, 8 mi southeast of Hammond.
Drainage area.--9.09 mi^2.
Records available.--1955 to current year.
Gage.--Crest-stage gage installed July 22, 1955. Altitude of gage is 3,590 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1955	(a)July 11, 1955	4.08	298
1956	Mar. 22, 1956	3.45	175
1957	Aug. 29, 1957	4.58	365
1958	June 3, 1958	5.76	550
1959	Mar. 19, 1959	3.32	154
1960	Mar. 21, 1960	5.26	485
1961	Sept. 18, 1961	2.31	30
1962	May 21, 1962	5.62	540
1963	Aug. 3, 1963	3.54	190
1964	June 22, 1964	3.85	240
1965	Aug. 22, 1965	12.38	1,170
1966	July 28, 1966	5.66	555
1967	June 14, 1967	9.94	1,100
1968	Feb. 29, 1968	(c)4.02	(b)260
1969	Apr. 26, 1969	4.00	270
1970	June 12, 1970	3.65	210
1971	June 11, 1971	5.83	590
1972	Mar. 5, 1972	(c)3.50	(b)50
1973	June 18, 1973	3.15	120
1974	Jan. 17, 1974	2.48	40
1975	Apr. 20, 1975	3.84	240
1976	June 14, 1976	5.54	535
1977	Apr. 9, 1977	4.12	285
1978	May 18, 1978	3.93	275
1979	July 25, 1979	2.69	60
1980	Aug. 16, 1980	1.59	3
1981	July 12, 1981	1.82	15
1982	July 25, 1982	4.59	380
1983	Oct. 8, 1982	3.20	170
1984	Apr. 28, 1984	2.43	35
1985	Mar. 18, 1985	3.23	140
1986	May 9, 1986	3.45	175
1987	May 18, 1987	2.75	67
1988	Feb. 27, 1988	1.77	18
1989	May 16, 1989	2.61	54

06334330 Little Missouri River tributary near Albion, MT

Location.--Lat 45°12'42", long 104°15'41", in SW1/4 NW1/4 sec.16, T.7 S., R.61 E., Carter County, Hydrologic Unit 10110201, at culvert on Secondary Highway 270, 1.8 mi north of Albion.
Drainage area.--0.74 mi^2.
Records available.--1972 to current year.
Gage.--Crest-stage gage installed Aug. 22, 1973. Altitude of gage is 3,290 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	4.50	57
1973	(a)	1.86	8
1974	Jan. 16, 1974	1.47	4
1975	Mar. 25, 1975	2.41	15
1976	Feb. 14, 1976	1.55	2
1977	--	--	(d)
1978	Mar. 22, 1978	2.42	15
1979	July 25, 1979	1.62	2
1980	--	--	(d)
1981	--	--	(d)
1982	June 6, 1982	1.86	3
1983	Oct. 9, 1982	1.60	2
1984	July 7, 1984	5.56	90
1985	Mar. 17, 1985	1.95	4
1986	Mar. 17, 1986	1.60	2
1987	--	--	(d)
1988	--	--	(d)
1989	Mar. 10, 1989	(c).86	(b)1

06334610 Hawksnest Creek tributary near Albion, MT
(formerly published as Box Elder Creek tributary near Albion, MT)

Location.--Lat 45°23'20", long 104°28'38", in SE1/4 sec.19, T.5 S., R.59 E., Carter County, Hydrologic Unit 10110202, at culvert on Secondary Highway 323, 17 mi northwest of Albion.
Drainage area.--0.73 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Aug. 22, 1973. Altitude of gage is 3,480 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	2.13	16
1974	May 20, 1974	3.30	43
1975	June 26, 1975	6.00	74
1976	June 14, 1976	4.76	60
1977	June 19, 1977	6.17	75
1978	May 20, 1978	5.84	72
1979	July 25, 1979	2.74	31
1980	--	--	(d)
1981	Oct. 15, 1980	2.65	29
1982	June 6, 1981	6.66	71
1983	July 29, 1983	3.50	25
1984	July 7, 1984	7.01	74
1985	Mar. 22, 1985	2.22	6
1986	July 11, 1986	3.90	33
1987	Mar. 21, 1987	2.35	7
1988	Aug. 12, 1988	4.77	61
1989	July 14, 1989	5.80	71

06334625 Coal Creek tributary near Mill Iron, MT
(formerly published as Coal Creek near Mill Iron, MT)

Location.--Lat 45°54'15", long 104°21'42", in NW1/4 SW1/4 sec.26, T.2 N., R.59 E., Carter County, Hydrologic Unit 10110202, at culvert on county road, 8 mi northwest of Mill Iron, 8.5 mi east of State Highway 7, 9.0 mi east of Ekalaka.
Drainage area.--0.74 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Aug. 18, 1974. Altitude of gage is 3,350 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	2.22	14
1975	Apr. 16, 1975	(f)	1
1976	June 23, 1976	(f)	1
1977	--	--	(d)
1978	Mar. 27, 1978	1.75	7
1979	Mar. 15, 1979	(c) 3.35	(b) 35
1980	Apr. 16, 1980	1.62	4
1981	--	--	(d)
1982	Feb. 21, 1982	2.47	20
1983	Mar. 6, 1983	1.58	3
1984	July 7, 1984	1.88	8
1985	Mar. 18, 1985	2.96	32
1986	Feb. 25, 1986	(c) 2.79	(b) 2
1987	--	--	(d)
1988	--	--	(d)
1989	--	--	(d)

06334720 Soda Creek tributary near Webster, MT

Location.--Lat 46°00'34", long 104°05'30", in NE1/4 sec.23, T.3 N., R.61 E., Fallon County, Hydrologic Unit 10110202, at culvert on county road, 0.3 mi south of Soda Creek, 8 mi southeast of Webster.
Drainage area.--2.22 mi^2.
Records available.--1962 to current year.
Gage.--Crest-stage gage installed Apr. 26, 1963. Altitude of gage is 3,100 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1962	(a)May 22, 1962	5.19	106
1963	July 10, 1963	1.57	12
1964	Aug. 29, 1964	2.55	28
1965	July 5, 1965	1.05	7
1966	Mar. 14, 1966	1.00	9
1967	June 14, 1967	1.70	12
1968	July 17, 1968	.79	5
1969	Mar. 19, 1969	4.59	75
1970	June 12, 1970	unknown	(b)1
1971	June 16, 1971	2.50	30
1972	June 24, 1972	3.52	46
1973	Mar. 12, 1973	1.11	4
1974	Jan. 17, 1974	1.14	4
1975	June 26, 1975	1.45	9
1976	Feb. 26, 1976	1.36	5
1977	--	--	(d)
1978	Mar. 27, 1978	4.67	84
1979	--	--	(d)
1980	Mar. 23, 1980	1.14	2
1981	--	--	(d)
1982	July 25, 1982	2.04	11
1983	Mar. 6, 1983	1.45	3
1984	--	--	(d)
1985	Mar. 17, 1985	2.64	21
1986	Feb. 25, 1986	7.67	250
1987	--	--	(d)
1988	Aug. 13, 1988	(f)	1
1989	--	--	(d)

12300400 Cayuse Creek near Trego, MT

Location.--Lat 48°36'33", long 115°01'42", in SW1/4 SW1/4 NE1/4 sec.24, T.33 N., R.27 W., Lincoln County, Hydrologic Unit 17010101, at culvert on U.S. Forest Service road, 9.8 mi southwest of Trego.
Drainage area.--5.29 mi^2.
Records available.--1972 to September 1984 (discontinued).
Gage.--Crest-stage gage installed Aug. 8, 1973. Altitude of gage is 3,890 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	3.70	80
1973	(a)	2.16	30
1974	Jan. 15, 1974	2.55	187
1975	May 16, 1975	1.34	75
1976	Apr. 12, 1976	1.49	82
1977	May 14, 1977	(f)	(b)5
1978	Mar. 31, 1978	(f)	(b)15
1979	May 6, 1979	.93	41
1980	Apr. 29, 1980	1.15	59
1981	May 2, 1981	1.11	55
1982	--	.96	45
1983	--	1.42	80
1984	June 28, 1984	.75	34

12300800 Deep Creek near Fortine, MT

Location.--Lat 48°45'41", long 114°52'32", in SW1/4 sec.30, T.35 N., R.25 W., Lincoln County, Hydrologic Unit 17010101, at culvert on county road, 1.2 mi east of Fortine.
Drainage area.--18.9 mi^2.
Records available.--1959 to current year.
Gage.--Crest-stage gage installed July 1, 1959. Altitude of gage is 3,000 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1959	(a)	2.80	150
1960	June 6, 1960	2.67	138
1961	May 31, 1961	2.92	161
1962	May 28, 1962	1.75	82
1963	June 22, 1963	2.26	108
1964	June 8, 1964	4.90	310
1965	May 28, 1965	3.28	180
1966	May 4, 1966	4.20	208
1967	May 24, 1967	3.06	140
1968	May 24, 1968	2.12	92
1969	May 30, 1969	3.40	160
1970	June 16, 1970	3.52	166
1971	May 4, 1971	2.70	126
1972	May 25, 1972	4.31	210
1973	May 7, 1973	2.09	95
1974	June 12, 1974	4.79	175
1975	June 16, 1975	2.34	110
1976	May 11, 1976	2.45	110
1977	May 14, 1977	1.14	55
1978	Mar. 31, 1978	3.33	175
1979	May 27, 1979	2.72	132
1980	Apr. 29, 1980	1.84	86
1981	May 26, 1981	2.50	120
1982	June 25, 1982	.60	135
1983	May 30, 1983	.65	140
1984	June 26, 1984	2.38	110
1985	June 8, 1985	4.29	125
1986	May 29, 1986	.54	130
1987	May 1, 1987	.50	119
1988	May 23, 1988	.04	62
1989	June 7, 1989	.35	94

12301993 Wolf Creek tributary near Libby, MT

Location.--Lat 48°23'52", long 114°55'05", in NW1/4 NE1/4 NE1/4 sec.4, T.30 N., R.26 W., Lincoln County, Hydrologic Unit 17010102, on right bank 9 ft from Burlington Northern railroad culvert, 0.3 mi upstream from mouth, 28.8 mi east of Libby.
Drainage area.--2.76 mi^2.
Records available.--1973 to September 1984 (discontinued).
Gage.--Crest-stage gage installed Sept. 11, 1973. Altitude of gage is 3,240 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	Apr. 25, 1974	0.82	19
1975	May 12, 1975	.42	15
1976	Apr. 12, 1976	.54	13
1977	May 14, 1977	(f)	2
1978	Mar. 31, 1978	.39	8
1979	May 6, 1979	.83	22
1980	June 14, 1980	.47	10
1981	May 2, 1981	.30	9
1982	May 18, 1982	.88	33
1983	Apr. 25, 1983	.79	21
1984	May 21, 1984	.46	10

12301997 Richards Creek near Libby, MT

Location.--Lat 48°15'31", long 115°11'57", in SE1/4 NW1/4 SE1/4 sec.20, T.29 N., R.28 W., Lincoln County, Hydrologic Unit 17010102, at bridge on county road, 0.1 mi upstream from mouth, 18.5 mi southeast of Libby.
Drainage area.--9.50 mi^2.
Records available.--1973 to current year.
Gage.--Crest-stage gage installed Sept. 11, 1973. Altitude of gage is 2,720 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	0.31	5
1974	Apr. 26, 1974	1.11	49
1975	May 14, 1975	.95	36
1976	May 11, 1976	.90	24
1977	Apr. 25, 1977	.10	1
1978	Mar. 31, 1978	.53	8
1979	May 6, 1979	.95	21
1980	June 14, 1980	.96	52
1981	May 22, 1981	.68	20
1982	May 18, 1982	1.57	64
1983	Apr. 25, 1983	1.11	56
1984	May 21, 1984	.39	4
1985	May 15, 1985	1.07	100
1986	Mar. 31, 1986	.95	35
1987	Apr. 18, 1987	.73	15
1988	Apr. 7, 1988	.63	10
1989	Apr. 22, 1989	1.06	23

12302400 Shaughnessy Creek near Libby, MT

Location.--Lat 48°18'11", long 115°35'37", in W1/2 sec.5, T.29 N., R.31 W., Lincoln County, Hydrologic Unit 17010101, at culvert on county road, 6.5 mi southwest of Libby.
Drainage area.--1.16 mi^2.
Records available.--1959 to current year.
Gage.--Crest-stage gage installed July 2, 1959. Altitude of gage is 2,820 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1959	(a)	0.40	16
1960	--	(f)	(b) 4
1961	Mar. 30, 1961	.73	33
1962	May 16, 1962	.67	29
1963	Apr. 4, 1963	.09	6
1964	Apr. 1964	.39	(b) 16
1965	Apr. 1965	.97	48
1966	May 4, 1966	.35	14
1967	May 22, 1967	.03	6
1968	May 22, 1968	.28	12
1969	Apr. 24, 1969	.41	16
1970	June 27, 1970	.21	9
1971	May 5, 1971	.31	13
1972	May 14, 1972	.16	8
1973	June 14, 1973	.05	6
1974	Jan. 15, 1974	unknown	(b) 200
1975	May 13, 1975	2.64	11
1976	Dec. 5, 1975	unknown	(b) 15
1977	Apr. 25, 1977	1.40	1
1978	May 18, 1978	1.42	2
1979	May 6, 1979	1.58	4
1980	Apr. 28, 1980	1.65	21
1981	Dec. 27, 1980	3.68	96
1982	May 5, 1982	1.91	5
1983	Apr. 24, 1983	1.93	6
1984	Apr. 16, 1984	unknown	2
1985	Apr. 15, 1985	1.91	6
1986	Mar. 30, 1986	2.05	11
1987	May 1, 1987	1.86	6
1988	Apr. 16, 1988	1.82	5
1989	Apr. 21, 1989	2.05	13

12303400 Ross Creek near Troy, MT

Location.--Lat 48°12'26", long 115°52'08", in SE1/4 NE1/4 sec.8, T.28 N., R.33 W., Lincoln County, Hydrologic Unit 17010101, at bridge on U.S. Forest Service road, 11.3 mi north of Heron, 17.5 mi south of Troy.
Drainage area.--23.8 mi^2.
Records available.--1972 to current year. Discharge and gage height at undetermined date prior to installation of gage.
Gage.--Crest-stage gage installed Aug. 9, 1973. Altitude of gage is 2,420 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	(b)7.9	(b)3,600
1973	(a)	5.05	1,450
1974	Jan. 15, 1974	4.70	1,240
1975	May 14, 1975	3.70	700
1976	Dec. 5, 1975	4.61	1,180
1977	May 3, 1977	3.27	505
1978	June 7, 1978	3.72	640
1979	May 6, 1979	3.93	740
1980	Apr. 29, 1980	3.70	620
1981	Dec. 27, 1980	8.01	3,820
1982	May 26, 1982	4.48	740
1983	May 26, 1983	4.21	600
1984	May 31, 1984	4.35	670
1985	May 25, 1985	4.45	720
1986	May 28, 1986	4.15	580
1987	May 1, 1987	4.54	803
1988	Apr. 18, 1988	4.17	573
1989	May 7, 1989	4.48	762

12303440 Camp Creek near Troy, MT

Location.--Lat 48°18'46", long 115°50'35", in SW1/4 SE1/4 sec.32, T.30 N., R.33 W., Lincoln County, Hydrologic Unit 17010101, at bridge on U.S. Forest Service road, 0.8 mi east of State Highway 56, 12.6 mi south of Troy.
Drainage area.--11.3 mi^2.
Records available.--1972 to current year.
Gage.--Crest-stage gage installed Aug. 9, 1973. Altitude of gage is 2,440 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	3.87	980
1973	(a)	1.79	295
1974	June 14, 1974	1.92	335
1975	June 2, 1975	1.64	190
1976	May 11, 1976	1.64	190
1977	May 3, 1977	1.29	115
1978	June 5, 1978	1.58	175
1979	May 27, 1979	1.57	180
1980	Apr. 29, 1980	1.65	260
1981	May 26, 1981	1.71	280
1982	May 26, 1982	1.85	220
1983	May 26, 1983	1.88	290
1984	May 31, 1984	1.77	250
1985	May 23, 1985	1.85	340
1986	May 29, 1986	1.92	265
1987	May 1, 1987	1.94	238
1988	May 13, 1988	1.55	137
1989	May 7, 1989	1.57	141

12304060 Blacktail Creek near Yaak, MT

Location.--Lat 48°57'03", long 115°32'27", in SW1/4 SW1/4 sec.20, T.37 N., R.30 W., Lincoln County, Hydrologic Unit 17010103, at bridge on U.S. Forest Service road, 200 ft upstream from mouth, 10.3 mi northeast of Yaak.
Drainage area.--8.66 mi^2.
Records available.--1964, 1972 to September 1984 (discontinued).
Gage.--Crest-stage gage installed Aug. 8, 1973. Altitude of gage is 3,430 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1964	(a)	2.72	280
1972	(a)	1.76	126
1973	(a)	1.01	35
1974	May 9, 1974	1.29	84
1975	June 2, 1975	1.05	55
1976	May 11, 1976	1.42	112
1977	Apr. 25, 1977	.52	17
1978	May 15, 1978	1.11	65
1979	May 5, 1979	.90	38
1980	Apr. 20, 1980	1.15	75
1981	May 1, 1981	1.11	69
1982	May 25, 1982	1.22	90
1983	--	1.56	120
1984	May 20, 1984	1.24	74

12304120 Zulu Creek near Yaak, MT

Location.--Lat 48°43'49", long 115°38'30", in NW1/4 NW1/4 sec.8, T.34 N., R.31 W., Lincoln County, Hydrologic Unit 17010103, at culvert on South Fork Yaak River road, 8.5 mi south of Yaak.
Drainage area.--5.27 mi^2.
Records available.--1972 to September 1984 (discontinued).
Gage.--Crest-stage gage installed Aug. 8, 1973. Altitude of gage is 3,680 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	2.56	190
1973	(a)	1.12	32
1974	May 9, 1974	1.30	47
1975	May 14, 1975	1.09	32
1976	May 11, 1976	1.38	67
1977	Apr. 25, 1977	.88	15
1978	May 15, 1978	1.29	46
1979	May 5, 1979	1.12	31
1980	Apr. 20, 1980	1.04	24
1981	May 10, 1981	1.16	35
1982	May 25, 1982	1.30	50
1983	--	1.32	48
1984	May 20, 1984	1.49	75

12304300 Cyclone Creek near Yaak, MT

Location.--Lat 48°45'01", long 115°54'06", in SE1/4 sec.32, T.35 N., R.33 W., Lincoln County, Hydrologic Unit 17010103, at bridge 0.2 mi upstream from mouth, 10.5 mi southwest of Yaak.
Drainage area.--5.71 mi^2.
Records available.--1960 to current year.
Gage.--Crest-stage gage installed July 15, 1960. Altitude of gage is 2,790 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1960	(a)	2.06	220
1961	May 26, 1961	1.78	172
1962	May 21, 1962	1.26	97
1963	Apr. 4, 1963	1.58	133
1964	May 22, 1964	1.94	150
1965	Apr. 27, 1965	1.38	73
1966	May 4, 1966	1.56	130
1967	May 22, 1967	1.75	168
1968	May 22, 1968	1.42	118
1969	May 31, 1969	1.45	125
1970	May 1970	.95	92
1971	May 5, 1971	1.25	138
1972	May 18, 1972	1.29	155
1973	May 13, 1973	1.03	110
1974	Jan. 15, 1974	(c) 3.68	(b) 350
1975	June 2, 1975	1.51	135
1976	May 11, 1976	1.63	165
1977	May 2, 1977	.71	68
1978	May 15, 1978	.94	103
1979	May 5, 1979	1.00	120
1980	Apr. 29, 1980	1.12	145
1981	May 10, 1981	1.60	250
1982	May 25, 1982	1.19	160
1983	May 25, 1983	.94	110
1984	May 20, 1984	.78	82
1985	June 8, 1985	.98	120
1986	Mar. 30, 1986	1.05	130
1987	May 1, 1987	.90	111
1988	Apr. 7, 1988	.80	95
1989	May 8, 1989	.88	102

12323300 Smith Gulch near Silver Bow, MT

Location.--Lat 45°57'26", long 112°39'45", in N1/2 sec.1, T.2 N., R.9 W., Silver Bow County, Hydrologic Unit 17010201, at culvert on Interstate Highway 15, 4 mi south of Silver Bow.
Drainage area.--4.36 mi^2.
Records available.--1959 to current year.
Gage.--Crest-stage gage installed May 11, 1959. Altitude of gage is 5,510 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1959	(a)	unknown	(b) 5
1960	Mar. 21, 1960	1.97	43
1961	Sept. 11, 1961	4.56	67
1962	Apr. 14, 1962	1.70	32
1963	Feb. 4, 1963	4.91	80
1964	Mar. 30, 1964	3.04	10
1965	Dec. 23, 1964	5.75	123
1966	Mar. 30, 1966	3.04	9
1967	May 8, 1967	3.28	19
1968	Feb. 21, 1968	2.77	2
1969	June 9, 1969	4.31	56
1970	June 12, 1970	3.34	19
1971	Feb. 12, 1971	3.30	18
1972	Mar. 17, 1972	3.12	12
1973	Apr. 22, 1973	3.11	11
1974	Jan. 15, 1974	3.73	33
1975	June 9, 1975	4.54	62
1976	Mar. 17, 1976	(c) 4.78	23
1977	Apr. 7, 1977	2.97	5
1978	Apr. 1, 1978	3.30	17
1979	May 5, 1979	2.77	4
1980	May 25, 1980	2.89	6
1981	May 22, 1981	3.06	11
1982	Apr. 14, 1982	3.12	12
1983	Mar. 2, 1983	3.48	23
1984	Apr. 20, 1984	3.38	20
1985	Apr. 2, 1985	4.40	57
1986	Feb. 24, 1986	5.20	92
1987	May 25, 1987	3.21	15
1988	Apr. 13, 1988	2.68	4
1989	Apr. 22, 1989	3.12	12

12324250 Cottonwood Creek at Deer Lodge, MT

Location.--Lat 46°23'59", long 112°43'02", in NE1/4 SW1/4 sec.33, T.8 N., R.9 W., Powell County, Hydrologic Unit 17010201, at culvert on frontage road, 150 ft upstream from Interstate Highway 90, at Deer Lodge.
Drainage area.--45.4 mi^2.
Records available.--1975 to current year.
Gage.--Crest-stage gage installed Sept. 30, 1975. Altitude of gage is 4,675 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1975	(a)June 19, 1975	4.10	497
1976	May 15, 1976	3.00	240
1977	Apr. 7, 1977	(f)	5
1978	June 7, 1978	3.53	430
1979	May 26, 1979	3.18	210
1980	May 25, 1980	3.42	390
1981	May 22, 1981	9.75	1,820
1982	June 25, 1982	3.01	465
1983	July 10, 1983	2.61	257
1984	May 16, 1984	3.13	570
1985	Apr. 2, 1985	unknown	3
1986	May 29, 1986	2.61	230
1987	May 28, 1987	2.05	75
1988	Apr. 19, 1988	1.76	40
1989	Mar. 9, 1989	2.79	224

12324700 Clark Fork tributary near Drummond, MT

Location.--Lat 46°36'58", long 113°02'08", in SW1/4 sec.18, T.10 N., R.11 W., Powell County, Hydrologic Unit 17010201, 0.5 mi upstream from Interstate Highway 90, 6.5 mi east of Drummond.
Drainage area.--4.61 mi^2.
Records available.--1958 to current year.
Gage.--Crest-stage gage installed June 17, 1959. Altitude of gage is 4,080 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1958	(a)June 9, 1958	1.64	133
1959	(a)	--	(d)
1960	Mar. 18, 1960	1.62	84
1961	Apr. 3, 1961	.70	20
1962	Apr. 4, 1962	.62	18
1963	Feb. 4, 1963	1.44	56
1964	Mar. 31, 1964	.98	21
1965	Feb. 5, 1965	1.53	64
1966	Mar. 9, 1966	2.00	125
1967	Mar. 18, 1967	.55	15
1968	Feb. 20, 1968	1.45	66
1969	Mar. 31, 1969	1.53	75
1970	Feb. 16, 1970	1.27	54
1971	Feb. 14, 1971	1.99	124
1972	Feb. 29, 1972	.11	2
1973	Mar. 1, 1973	.66	17
1974	Jan. 15, 1974	1.11	41
1975	June 19, 1975	.85	26
1976	Dec. 2, 1975	1.86	108
1977	Mar. 12, 1977	.66	19
1978	Mar. 19, 1978	1.54	72
1979	Mar. 8, 1979	1.77	92
1980	May 25, 1980	1.26	54
1981	Feb. 19, 1981	1.11	43
1982	Mar. 10, 1982	1.03	39
1983	Mar. 12, 1983	.56	14
1984	Jan. 5, 1984	2.78	213
1985	Mar. 10, 1985	1.59	78
1986	Feb. 24, 1986	3.04	280
1987	Feb. 14, 1987	(c).62	(b)10
1988	Apr. 13, 1988	.14	2
1989	Apr. 6, 1989	1.25	52

12331700 Edwards Gulch at Drummond, MT

Location.--Lat 46°40'16", long 113°08'39", in NE1/4 NE1/4 sec.31, T.11 N., R.12 W., Granite County, Hydrologic Unit 17010201, at culvert on downstream side of Interstate Highway 90 crossing at Drummond, in center of town.
Drainage area.--4.69 mi^2.
Records available --1959 to September 1962, June 1974 to current year.
Gage.--Crest-stage gage installed June 17, 1959. Altitude of gage is 4,000 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1960	Mar. 21, 1960	(c)1.14	unknown
1961	Apr. 3, 1961	.14	2
1962	Apr. 14, 1962	.55	8
1974	June 20, 1974	10.6	318
1975	Aug. 20, 1975	1.57	17
1976	Jan. 19, 1976	(c)1.95	8
1977	Mar. 14, 1977	(f)	1
1978	July 5, 1978	(c)1.96	(b)5
1979	Mar. 17, 1979	2.24	25
1980	June 23, 1980	1.77	4
1981	Feb. 19, 1981	2.34	33
1982	Feb. 20, 1982	2.35	20
1983	July 10, 1983	2.00	6
1984	Jan. 5, 1984	3.73	30
1985	Mar. 19, 1985	2.42	22
1986	Feb. 24, 1986	(c)4.73	(b)92
1987	Aug. 25, 1987	2.08	8
1988	May 30, 1988	2.96	100
1989	Mar. 10, 1989	2.79	40

12338540 Monture Creek above Dunham Creek, near Ovando, MT

Location.--Lat 47°07'07", long 113°08'45", in SW1/4 SE1/4 NE1/4 sec.29, T.16 N., R.12 W., Powell County, Hydrologic Unit 17010203, at bridge on U.S. Forest Service road, 2.4 mi upstream from Forest Service boundary, 6.9 mi north of Ovando.
Drainage area.--64.7 mi^2.
Records available.--1977 to current year.
Gage.--Crest-stage gage installed May 23, 1977. Altitude of gage is 4,120 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1978	June 8, 1978	2.94	1,140
1979	May 27, 1979	3.21	960
1980	May 7, 1980	2.73	570
1981	May 23, 1981	3.45	900
1982	June 13, 1982	3.66	1,100
1983	May 30, 1983	2.34	820
1984	May 31, 1984	2.33	810
1985	May 25, 1985	2.59	840
1986	June 5, 1986	3.11	890
1987	Apr. 30, 1987	2.83	750
1988	May 28, 1988	2.11	387
1989	May 11, 1989	3.22	920

12338550 Dunham Creek at mouth, near Ovando, MT

Location.--Lat 47°07'24", long 113°09'50" in SW1/4 SE1/4 sec.19, T.16 N., R.12 W., Powell County, Hydrologic Unit 17010203, at bridge on U.S. Forest Service road, 1 mi west of Monture Creek, 2.2 mi north of Forest Service boundary, 7.3 mi north of Ovando.
Drainage area.--31.7 mi^2.
Records available.--1977 to current year.
Gage.--Crest-stage gage installed May 23, 1977. Altitude of gage is 4,150 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1978	June 8, 1978	1.44	440
1979	May 27, 1979	1.61	630
1980	May 7, 1980	1.41	440
1981	May 23, 1981	1.56	470
1982	June 13, 1982	1.96	900
1983	May 30, 1983	1.60	490
1984	May 31, 1984	1.54	470
1985	May 25, 1985	1.52	480
1986	June 5, 1986	1.69	600
1987	Apr. 30, 1987	1.60	544
1988	May 17, 1988	1.24	389
1989	May 11, 1989	1.81	740

12338600 Monture Creek at Forest Service boundary, near Ovando, MT

Location.--Lat 47°05'37", long 113°09'10", in SW1/4 SW1/4 sec.32, T.16 N., R.12 W., Powell County, Hydrologic Unit 17010203, on left bank 800 ft upstream from U.S. Forest Service boundary, 5.2 mi north of Ovando.
Drainage area.--105 mi^2.
Records available.--1964, 1973 to current year.
Gage.--Crest-stage gage installed Aug. 7, 1973. Altitude of gage is 4,060 ft, from topographic map. Gage removed in 1977. Beginning in 1978, peak discharge determined by adding peak discharges of Monture Creek above Dunham Creek and Dunham Creek.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1964	June 1964	4.71	2,400
1974	June 18, 1974	3.63	1,500
1975	June 7, 1975	3.20	1,200
1976	June 22, 1976	3.35	1,300
1977	May 3, 1977	(f)	300
1978	June 8, 1978	--	(h)1,580
1979	May 27, 1979	--	(h)1,590
1980	May 7, 1980	--	(h)1,010
1981	May 23, 1981	--	(h)1,370
1982	June 13, 1982	--	(h)2,000
1983	May 30, 1983	--	(h)1,310
1984	May 31, 1984	--	(h)1,280
1985	May 25, 1985	--	(h)1,320
1986	June 5, 1986	--	(h)1,490
1987	Apr. 30, 1987	--	(h)1,290
1988	May 28, 1988	--	(h) 775
1989	May 11, 1989	--	(h)1,660

12339300 Deer Creek near Seeley Lake, MT

Location.--Lat 47°12'37", long 113°32'27", in SE1/4 SW1/4 sec.20, T.17 N., R.15 W., Missoula County, Hydrologic Unit 17010203, at bridge on county road, 2.3 mi northwest of bridge over Clearwater River, 3.5 mi northwest of Seeley Lake.
Drainage area.--19.8 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Oct. 29, 1974. Altitude of gage is 4,030 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	3.07	390
1975	May 16, 1975	3.15	425
1976	May 5, 1976	3.04	340
1977	Apr. 26, 1977	2.12	180
1978	Apr. 2, 1978	2.31	215
1979	July 7, 1979	2.26	225
1980	May 25, 1980	2.38	270
1981	May 2, 1981	2.51	305
1982	May 16, 1982	2.52	305
1983	Apr. 24, 1983	1.91	170
1984	Apr. 21, 1984	2.29	250
1985	Apr. 15, 1985	2.13	214
1986	Apr. 1, 1986	2.20	230
1987	Apr. 30, 1987	1.77	140
1988	Apr. 19, 1988	2.19	225
1989	May 11, 1989	2.87	398

12339900 West Twin Creek near Bonner, MT

Location.--Lat 46°54'44", long 113°42'50", in SW1/4 sec.2, T.13 N., R.17 W., Missoula County, Hydrologic Unit 17010203, at bridge on State Highway 200, 8 mi east of Bonner.
Drainage area.--7.33 mi^2.
Records available.--1959 to current year.
Gage.--Crest-stage gage installed June 17, 1959. Altitude of gage is 3,410 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1959	June 1959	0.70	98
1960	Apr. 6, 1960	.63	82
1961	May 27, 1961	.91	128
1962	Apr. 19, 1962	.92	92
1963	May 29, 1963	.63	63
1964	June 8, 1964	(c)1.10	(b)150
1965	Apr. 14, 1965	1.33	(b)120
1966	May 28, 1966	.45	42
1967	May 22, 1967	1.48	200
1968	May 22, 1968	.91	80
1969	Apr. 24, 1969	1.05	120
1970	May 20, 1970	.97	112
1971	May 11, 1971	1.25	156
1972	May 14, 1972	1.04	130
1973	May 14, 1973	.64	42
1974	Jan. 15, 1974	(c)2.55	(b)300
1975	June 7, 1975	.89	90
1976	June 11, 1976	1.15	114
1977	Apr. 28, 1977	.75	22
1978	Mar. 31, 1978	.90	42
1979	May 16, 1979	.67	(b)80
1980	May 23, 1980	.91	58
1981	May 2, 1981	.94	90
1982	May 18, 1982	1.54	370
1983	June 1, 1983	.74	58
1984	May 30, 1984	1.03	74
1985	May 4, 1985	.95	60
1986	Feb. 26, 1986	2.40	330
1987	Apr. 30, 1987	.34	47
1988	Apr. 20, 1988	.44	50
1989	Apr. 6, 1989	1.74	200

12342950 Trapper Creek near Conner, MT

Location.--Lat 45°53'43", long 114°10'51", in SE1/4 SE1/4 sec.27, T.2 N., R.21 W., Ravalli County, Hydrologic Unit 17010205, at bridge on Secondary Highway 473, 0.6 mi southwest of Trapper Creek Job Corps Center, 3.0 mi southwest of junction of Secondary Highway 473 and turnoff to Conner, 4.5 mi southwest of Conner.

Drainage area.--28.5 mi^2.

Records available.--1974 to current year.

Gage.--Crest-stage gage installed Oct. 30, 1974. Altitude of gage is 4,150 ft, from topographic map.

Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	4.37	1,800
1975	June 12, 1975	2.02	460
1976	May 11, 1976	1.97	440
1977	June 7, 1977	1.70	340
1978	June 8, 1978	2.05	470
1979	May 24, 1979	1.87	390
1980	May 10, 1980	1.86	385
1981	May 26, 1981	1.90	345
1982	May 26, 1982	2.17	500
1983	May 30, 1983	1.98	510
1984	May 16, 1984	2.08	470
1985	May 24, 1985	1.74	350
1986	May 31, 1986	2.42	630
1987	May 13, 1987	2.02	375
1988	June 6, 1988	2.05	405
1989	May 12, 1989	2.35	560

12344300 Burke Gulch near Darby, MT

Location.--Lat 46°01'28", long 114°08'45", in S1/2 sec.12, T.3 N., R.21 W., Ravalli County, Hydrologic Unit 17010205, 1 mi upstream from mouth, 1.5 mi east of Darby.
Drainage area.--6.50 mi^2.
Records available.--1958 to September 1982 (discontinued).
Gage.--Staff gage installed Apr. 16 1958. Crest-stage gage installed July 21, 1959. Altitude of gage is 4,100 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1958	May 12, 1958	0.94	11
1959	May 16, 1959	unknown	(b) 5
1960	Apr. 7, 1960	.85	8
1961	May 27, 1961	.40	2
1962	May 1962	(f)	(b) 4
1963	Feb. 1963	1.08	13
1964	Apr. 21, 1964	.95	11
1965	Apr. 22, 1965	.95	7
1966	June 1966	.59	3
1967	May 22, 1967	.84	8
1968	May 22, 1968	.80	8
1969	Apr. 24, 1969	.84	8
1970	May 17, 1970	.94	10
1971	May 5, 1971	1.66	25
1972	May 14, 1972	1.29	12
1973	May 17, 1973	.50	3
1974	May 26, 1974	1.32	13
1975	May 15, 1975	1.38	19
1976	May 14, 1976	2.20	24
1977	May 25, 1977	1.21	5
1978	May 22, 1978	1.28	8
1979	Aug. 31, 1979	1.56	18
1980	Mar. 10, 1980	1.39	14
1981	May 26, 1981	.80	8
1982	May 26, 1982	.96	10

12345850 Sleeping Child Creek near Hamilton, MT

Location.--Lat 46°07'58", long 114°03'26", in SE1/4 SW1/4 NW1/4 sec.2, T.4 N., R.20 W., Ravalli County, Hydrologic Unit 17010205, Bitterroot National Forest on right bank 5.8 mi upstream from mouth, 10.8 mi southeast of Hamilton.
Drainage area.--65.2 mi^2.
Records available.--1972 to current year.
Gage.--Crest-stage gage installed May 20, 1973. Altitude of gage is 4,090 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)June 1972	6.25	(b)1,500
1973	May 20, 1973	3.54	305
1974	June 14, 1974	4.90	800
1975	June 6, 1975	4.85	775
1976	May 14, 1976	4.95	825
1977	May 25, 1977	2.90	145
1978	June 8, 1978	4.13	482
1979	May 24, 1979	4.26	534
1980	May 10, 1980	4.03	450
1981	May 26, 1981	4.02	450
1982	May 26, 1982	4.67	700
1983	May 30, 1983	4.07	470
1984	May 31, 1984	4.14	500
1985	May 24, 1985	4.10	485
1986	May 28, 1986	4.11	490
1987	May 4, 1987	3.03	175
1988	May 16, 1988	3.23	219
1989	May 16, 1989	3.93	420

12353250 Ninemile Creek near Alberton, MT

Location.--Lat 47°11'09", long 114°35'13", in SE1/4 SE1/4 sec.36, T.17 N., R.24 W., Missoula County, Hydrologic Unit 17010204, on left bank about 400 ft upstream from a large right bank diversion ditch, 0.3 mi west of main road, corner of fence line and tree with T.17 N., R.23 W. sign on it, 0.5 mi south of Little Blue Creek, 14.2 mi northwest of Alberton.
Drainage area.--50.2 mi^2.
Records available.--1972, August 1973 to September 1982 (discontinued).
Gage.--Crest-stage gage installed Aug. 15, 1973. Altitude of gage is 3,570 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	4.36	1,280
1974	Jan. 16, 1974	3.07	780
1975	May 16, 1975	2.07	435
1976	May 11, 1976	2.21	480
1977	May 4, 1977	.83	100
1978	Mar. 31, 1978	1.73	345
1979	May 24, 1979	1.90	400
1980	May 26, 1980	2.62	900
1981	May 22, 1981	1.96	515
1982	May 26, 1982	1.96	420

12353400 Negro Gulch near Alberton, MT

Location.--Lat 47°01'22", long 114°31'22", in NW1/4 sec.33, T.15 N., R.23 W., Mineral County, Hydrologic Unit 17010204, at culvert on county road, 2.6 mi west of Alberton.
Drainage area.--8.02 mi^2.
Records available.--1959 to September 1973, May 1984 to current year.
Gage.--Crest-stage gage installed June 19, 1959. Altitude of gage is 3,000 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1959	June 1959	0.70	23
1960	Apr. 6, 1960	.80	27
1961	May 2, 1961	.74	24
1962	May 29, 1962	.54	16
1963	May 6, 1963	.59	18
1964	June 9, 1964	1.01	67
1965	Apr. 28, 1965	2.05	170
1966	Mar. 30, 1966	.45	20
1967	May 11, 1967	.47	21
1968	May 5, 1968	.28	8
1969	Apr. 10, 1969	.62	32
1970	May 16, 1970	1.80	142
1971	May 5, 1971	.65	42
1972	Mar. 17, 1972	1.02	68
1973	May 17, 1973	.05	3
1984	May 21, 1984	.57	25
1985	May 2, 1985	.49	24
1986	Feb. 26, 1986	.99	72
1987	Apr. 22, 1987	.30	14
1988	Apr. 15, 1988	.31	14
1989	Apr. 8, 1989	.58	31

12353800 Thompson Creek near Superior, MT

Location.--Lat 47°11'55", long 114°55'00", in SW1/4 sec.28, T.17 N., R.26 W., Mineral County, Hydrologic Unit 17010204, 1.2 mi west of Superior.
Drainage area.--11.8 mi^2.
Records available.--1961 to September 1979, 1982 (discontinued).
Gage.--Crest-stage gage installed May 15, 1961. Altitude of gage is 2,710 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1961	May 26, 1961	0.53	(b) 55
1962	Apr. 24, 1962	.82	85
1963	Apr. 14, 1963	.15	20
1964	May 21, 1964	.53	79
1965	Apr. 14, 1965	3.0	190
1966	May 4, 1966	.09	54
1967	May 22, 1967	.57	80
1968	May 22, 1968	-.84	24
1969	May 1, 1969	-.04	56
1970	May 20, 1970	-.20	61
1971	May 13, 1971	1.07	109
1972	May 14, 1972	1.68	153
1973	May 17, 1973	(f)	4
1974	Jan. 16, 1974	3.52	230
1975	May 14, 1975	.84	50
1976	May 11, 1976	1.15	100
1977	--	--	(d)
1978	Apr. 1, 1978	.14	68
1979	May 24, 1979	unknown	(b) 40
1982	May 26, 1982	unknown	100

12353820 Dry Creek near Superior, MT

Location.--Lat 47°13'17", long 114°58'19", in NW1/4 SE1/4 NE1/4, sec.24, T.17 N., R.27 W., Mineral County, Hydrologic Unit 17010204, at bridge on county road 700 ft downstream from Murphy Creek, 0.5 mi upstream from mouth, 4.3 mi northwest of Superior.
Drainage area.--46.3 mi^2.
Records available.--1982 to current year.
Gage.--Water-stage recorder installed May 12, 1982. Altitude of gage is 2,700 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1982	May 26, 1982	3.98	404
1983	May 30, 1983	3.66	319
1984	May 31, 1984	3.86	506
1985	June 7, 1985	3.63	431
1986	May 29, 1986	3.49	360
1987	May 1, 1987	3.54	400
1988	May 23, 1988	2.73	146
1989	May 10, 1989	3.33	305

12355350 Big Creek at Big Creek Ranger Station, near Columbia Falls, MT

Location.--Lat 48°36'07", long 114°09'55", in SW1/4 SW1/4 sec.22, T.33 N., R.20 W., Flathead County, Hydrologic Unit 17010206, Flathead National Forest, on right bank, at Big Creek Ranger Station, 300 ft upstream from North Fork road bridge, 0.4 mi upstream from mouth, 16.0 mi north of Columbia Falls.
Drainage area.--82.1 mi^2.
Records available.--1964, 1973 to current year.
Gage.--Crest-stage gage installed Apr. 11, 1973. Altitude of gage is 3,330.58 ft, from U.S. Forest Service bench mark.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1964	(a) June 1964	6.60	2,130
1973	June 1973	4.69	930
1974	June 21, 1974	5.76	1,600
1975	June 20, 1975	4.57	1,150
1976	May 11, 1976	5.00	1,450
1977	May 11, 1977	4.17	875
1978	June 6, 1978	4.78	1,300
1979	May 27, 1979	4.79	1,250
1980	May 26, 1980	4.24	780
1981	May 23, 1981	4.69	1,180
1982	May 26, 1982	4.92	1,300
1983	May 27, 1983	4.77	1,240
1984	May 31, 1984	4.51	900
1985	May 25, 1985	5.03	1,140
1986	May 29, 1986	4.83	1,050
1987	May 1, 1987	4.85	1,060
1988	May 13, 1988	4.33	831
1989	May 11, 1989	4.76	1,080

12356500 Bear Creek near Essex, MT

Location.--Lat 48°16'56", long 113°25'23", in SE1/4 NW1/4 NE1/4 sec.16, T.29 N., R.14 W., Flathead County, Hydrologic Unit 17010207, on left bank 1.1 mi upstream from U.S. Highway 2 bridge crossing Bear Creek, 8.5 mi northeast of Essex.

Drainage area.--20.4 mi^2.

Records available.--January 1946 to September 1952 (continuous record), 1964, 1975 to current year.

Gage.--Crest-stage gage installed Sept. 11, 1975. January 1946 to September 30, 1952, nonrecording gage or water-stage recorder at site 0.5 mi upstream. Altitude of gage is 4,485 ft, from topographic map.

Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1946	May 28, 1946	1.94	253
1947	May 2, 1947	2.87	623
1948	May 22, 1948	3.01	696
1949	May 12, 1949	2.05	280
1950	June 12, 1950	2.86	620
1951	May 11, 1951	2.19	352
1952	Apr. 27, 1952	2.15	340
1964	(a) June 8, 1964	7.2	8,380
1975	(a) June 19, 1975	unknown	1,840
1976	May 10, 1976	5.10	520
1977	May 11, 1977	3.51	160
1978	June 5, 1978	4.12	325
1979	May 27, 1979	4.54	470
1980	June 13, 1980	4.59	490
1981	May 2, 1981	4.24	370
1982	May 26, 1982	4.72	540
1983	May 27, 1983	3.77	275
1984	May 20, 1984	3.68	245
1985	May 4, 1985	4.01	330
1986	May 30, 1986	3.41	190
1987	Apr. 30, 1987	4.26	395
1988	May 13, 1988	3.42	197
1989	May 11, 1989	4.21	388

12369250 Holland Creek near Condon, MT

Location.--Lat 47°26'20", long 113°40'11", in NE1/4 NW1/4 sec.5, T.19 N., R.16 W., Missoula County, Hydrologic Unit 17010211, on bridge on State Highway 83, at junction with road to Holland Lake, 6.8 mi south of Condon.
Drainage area.--22.3 mi^2.
Records available.--1974 to current year.
Gage.--Crest-stage gage installed Oct. 29, 1974. Altitude of gage is 3,950 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	2.73	385
1975	June 13, 1975	2.30	280
1976	May 11, 1976	2.02	230
1977	May 3, 1977	1.44	130
1978	June 9, 1978	2.22	265
1979	May 27, 1979	2.69	265
1980	May 25, 1980	3.26	380
1981	May 23, 1981	2.91	310
1982	June 17, 1982	2.48	250
1983	May 27, 1983	2.18	260
1984	May 30, 1984	2.34	260
1985	May 25, 1985	2.10	250
1986	May 31, 1986	2.88	315
1987	May 1, 1987	2.31	220
1988	Apr. 19, 1988	1.94	145
1989	May 10, 1989	2.57	338

12369650 North Fork Lost Creek near Swan Lake, MT

Location.--Lat 47°53'06", long 113°47'53", in NE1/4NW1/4SE1/4 sec. 31, T.25 N., R.17 W., Lake County, Hydrologic Unit 17010211, Flathead National Forest, at U.S. Forest Service bridge on North Fork Lost Creek road, 1.5 miles upstream from Lost Creek, 4 miles southeast of Swan Lake.
Drainage area.--13.0 mi^2.
Records available.--1982 to current year.
Gage.--Water-stage recorder installed August 31, 1982. Altitude of gage is 3,350 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1982	(a) June 17, 1982	3.70	220
1983	May 27, 1983	3.77	225
1984	May 31, 1984	4.18	310
1985	May 3, 1985	3.80	230
1986	May 28, 1986	2.62	245
1987	May 1, 1987	3.53	250
1988	May 13, 1988	3.25	205
1989	May 8, 1989	2.77	295

12370500 Dayton Creek near Proctor, MT

Location.-- Lat 47°54'59", long 114°20'14", in NW1/4 sec.20, T.25 N., R.21 W., Lake County, Hydrologic Unit 17010208, at culvert on county road, 2.5 mi northwest of Proctor.
Drainage area.--18.5 mi^2.
Records available.--1959 to current year.
Gage.--Crest-stage gage installed June 18, 1959. Altitude of gage is 3,350 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1959	(a)	1.30	37
1960	May 12, 1960	1.74	51
1961	May 27, 1961	3.00	93
1962	Apr. 24, 1962	1.54	45
1963	Apr. 13, 1963	.28	7
1964	June 8, 1964	1.06	29
1965	Apr. 15, 1965	5.09	131
1966	Mar. 29, 1966	1.03	28
1967	May 22, 1967	2.16	60
1968	May 14, 1968	.88	22
1969	Apr. 24, 1969	2.07	48
1970	May 21, 1970	2.21	49
1971	May 13, 1971	1.53	40
1972	May 14, 1972	2.53	70
1973	Apr. 5, 1973	.75	20
1974	Jan. 16, 1974	3.17	98
1975	May 20, 1975	1.26	36
1976	Apr. 6, 1976	1.24	35
1977	Apr. 24, 1977	(f)	(b) 4
1978	Mar. 31, 1978	3.21	102
1979	May 6, 1979	3.39	82
1980	June 14, 1980	1.34	27
1981	May 23, 1981	.88	20
1982	May 18, 1982	.93	22
1983	May 27, 1983	.72	19
1984	--	--	(d)
1985	Sept. 17, 1985	1.01	26
1986	Mar. 9, 1986	1.36	33
1987	Mar. 29, 1987	.89	21
1988	May 7, 1988	.72	16
1989	Apr. 25, 1989	1.74	48

12389150 McGregor Creek tributary near Marion, MT

Location.--Lat 48°01'44", long 114°55'54", in NW1/4 NE1/4 sec.10, T.26 N., R.26 W., Flathead County, Hydrologic Unit 17010213, on right bank 250 ft upstream from U.S. Forest Service road, 0.4 mi upstream from mouth, 13.4 mi southwest of Marion.
Drainage area.--2.55 mi^2.
Records available.--1972 to September 1982 (discontinued).
Gage.--Crest-stage gage installed Aug. 10, 1973. Altitude of gage is 3,850 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	2.60	80
1973	(a)	.92	13
1974	June 12, 1974	1.07	17
1975	June 24, 1975	.83	11
1976	May 11, 1976	(f)	(b)12
1977	Apr. 26, 1977	(f)	(b)1
1978	Mar. 31, 1978	(f)	(b)6
1979	May 6, 1979	.95	18
1980	June 14, 1980	1.15	27
1981	May 23, 1981	1.10	25
1982	May 18, 1982	.98	18

12391100 White Pine Creek near Trout Creek, MT

Location.--Lat 47°44'19", long 115°40'27", in SW1/4 SW1/4 NW1/4 sec.23, T.23 N., R.32 W., Sanders County, Hydrologic Unit 17010213, Kaniksu National Forest, on right downstream wingwall of bridge, 7.5 mi southwest of Trout Creek.
Drainage area.--8.75 mi^2.
Records available.--1974 to September 1984 (discontinued).
Gage.--Crest-stage gage installed Nov. 13, 1974. Altitude of gage is 3,360 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1974	(a)	4.70	295
1975	June 14, 1975	4.25	251
1976	Dec. 4, 1975	4.80	310
1977	Apr. 26, 1977	3.73	100
1978	June 7, 1978	3.67	128
1979	May 6, 1979	3.86	185
1980	Apr. 24, 1980	3.64	160
1981	Dec. 26, 1980	5.44	781
1982	May 18, 1982	4.32	215
1983	May 26, 1983	3.87	180
1984	May 21, 1984	3.96	200

12391200 Canyon Creek near Trout Creek, MT

Location.--Lat 47°51'16", long 115°29'57", in SW1/4 NW1/4 sec.7, T.24 N., R.30 W., Sanders County, Hydrologic Unit 17010213, at bridge on U.S. Forest Service road, 2.9 mi upstream from junction of road at mouth of Vermillion River, 4.6 mi northeast of Trout Creek.
Drainage area.--8.64 mi^2.
Records available.--1972, 1973 to current year.
Gage.--Crest-stage gage installed Aug. 15, 1973. Altitude of gage is 2,520 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	2.64	230
1974	May 9, 1974	2.70	250
1975	June 2, 1975	2.30	215
1976	May 11, 1976	2.53	200
1977	Apr. 26, 1977	1.86	70
1978	Apr. 1, 1978	2.28	140
1979	May 6, 1979	2.23	135
1980	Apr. 24, 1980	2.23	135
1981	Dec. 27, 1980	2.11	110
1982	June 17, 1982	2.58	210
1983	Apr. 25, 1983	2.16	120
1984	May 21, 1984	2.07	106
1985	May 25, 1985	2.35	(b)160
1986	Feb. 26, 1986	1.91	82
1987	May 1, 1987	1.82	62
1988	Apr. 18, 1988	2.29	134
1989	Apr. 22, 1989	2.20	117

12391430 Skeleton Creek near Noxon, MT

Location.--Lat 47°57'47", long 115°53'18", in SW1/4 SW1/4 sec.32, T.26 N., R.33 W., Sanders County, Hydrologic Unit 17010213, at culvert on U.S. Forest Service road, 0.4 mi upstream from West Fork Pilgrim Creek, 5.7 mi southwest of Noxon.
Drainage area.--2.10 mi^2.
Records available.--1973 to September 1984 (discontinued).
Gage.--Crest-stage gage installed Aug. 9, 1973. Altitude of gage is 3,050 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1973	(a)	0.93	14
1974	Jan. 17, 1974	1.94	46
1975	May 14, 1975	1.60	34
1976	May 11, 1976	1.75	39
1977	Apr. 26, 1977	(f)	(b)12
1978	May 16, 1978	1.49	23
1979	May 6, 1979	1.46	22
1980	June 2, 1980	1.34	20
1981	Dec. 26, 1980	1.72	34
1982	May 19, 1982	1.55	27
1983	--	1.15	18
1984	May 21, 1984	1.33	20

12391525 Snake Creek near Noxon, MT

Location.--Lat 48°07'24", long 115°45'10", in SW1/4 SW1/4 sec.5, T.27 N., R.32 W., Sanders County, Hydrologic Unit 17010213, at culvert on U.S. Forest Service road, 9.0 mi north of Noxon.
Drainage area.--3.11 mi^2.
Records available.--1972 to September 1984 (discontinued).
Gage.--Crest-stage gage installed Aug. 9, 1973. Altitude of gage is 2,510 ft, from topographic map.
Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft^3/s)
1972	(a)	3.87	126
1973	(a)	1.09	13
1974	Jan. 17, 1974	3.63	114
1975	May 14, 1975	2.27	53
1976	Dec. 4, 1975	2.41	52
1977	Apr. 26, 1977	1.36	12
1978	May 15, 1978	1.70	24
1979	May 6, 1979	2.16	52
1980	Apr. 24, 1980	1.85	31
1981	Dec. 27, 1980	3.46	100
1982	May 19, 1982	3.14	80
1983	--	1.91	32
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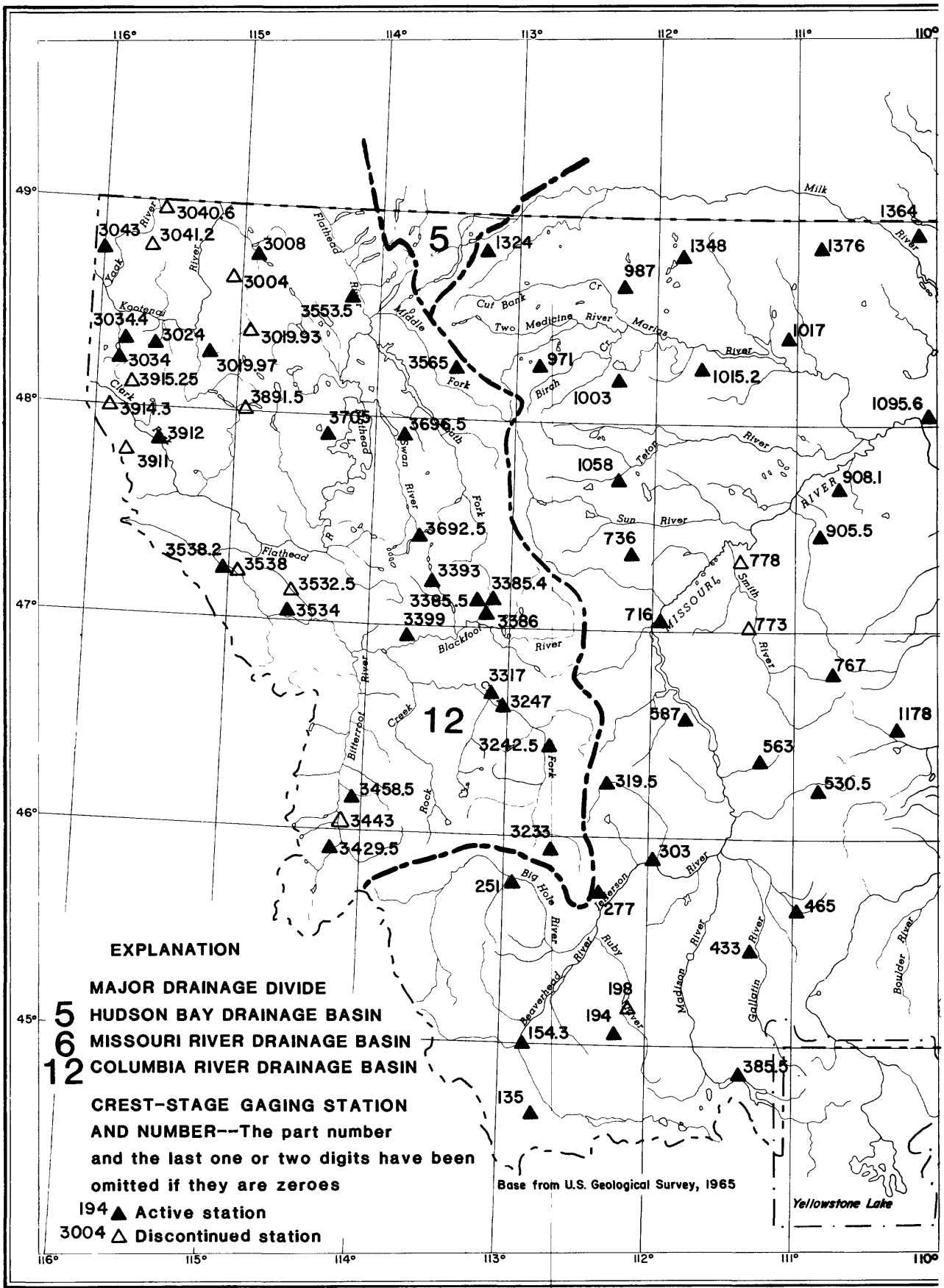
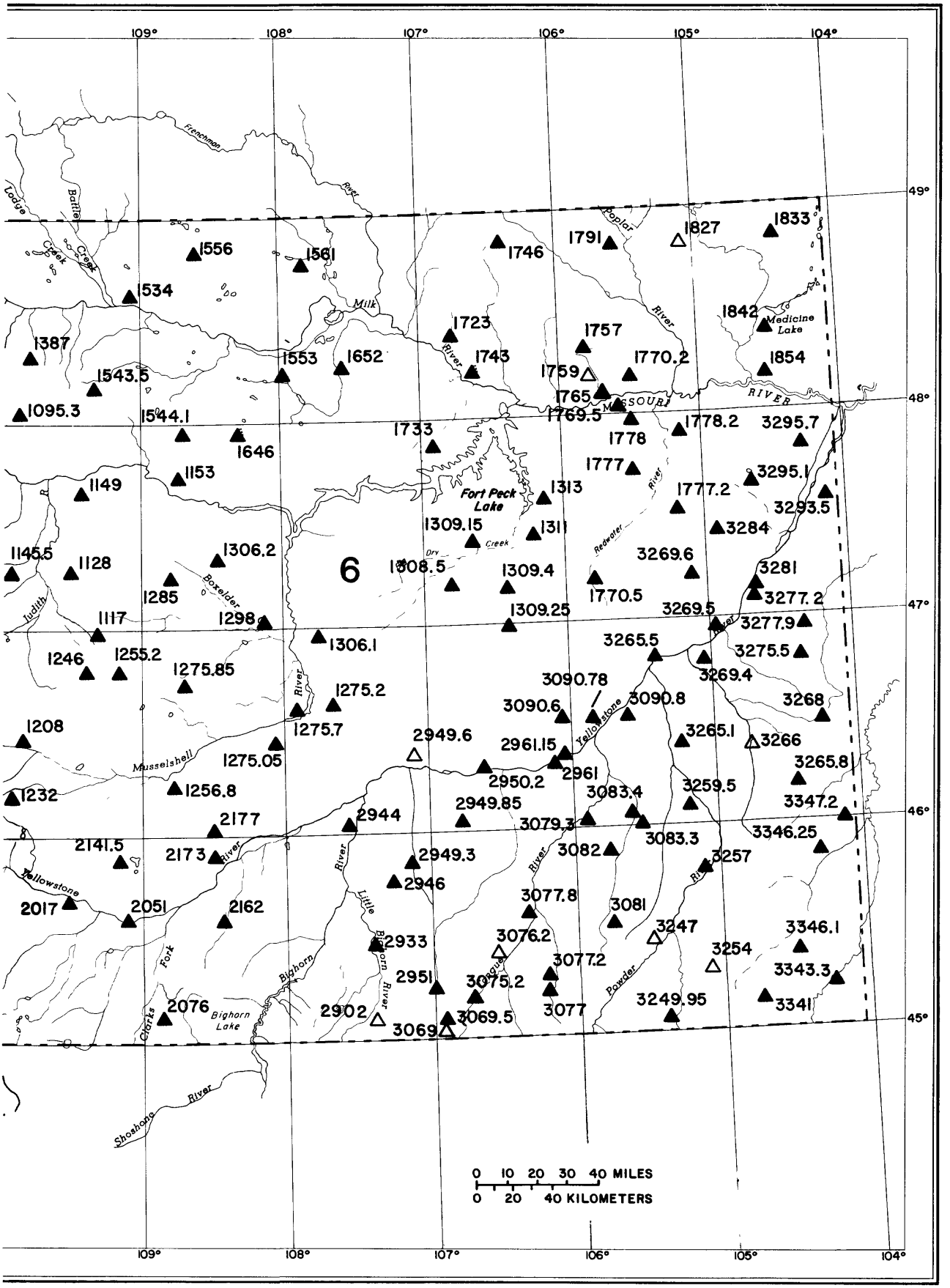


Figure 1.--Location of active crest-stage gaging stations



and stations discontinued after September 1977.